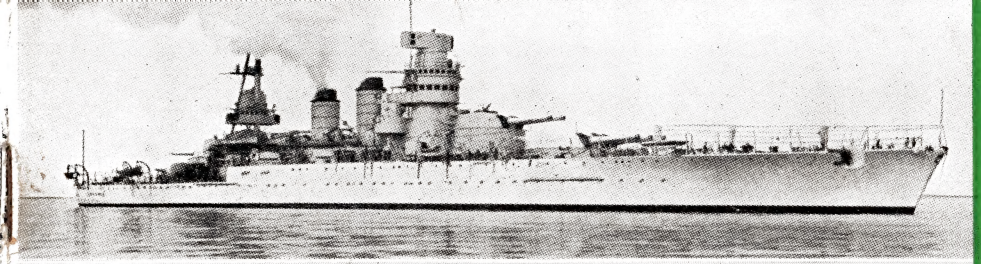

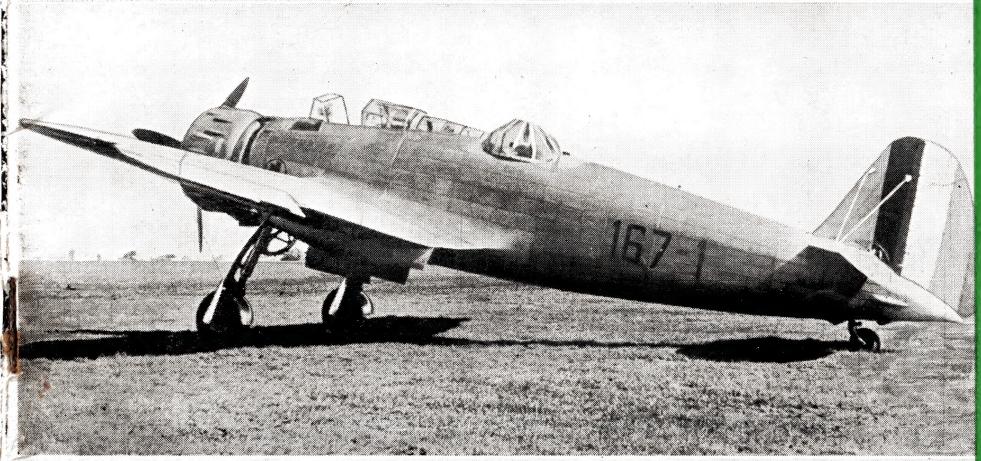

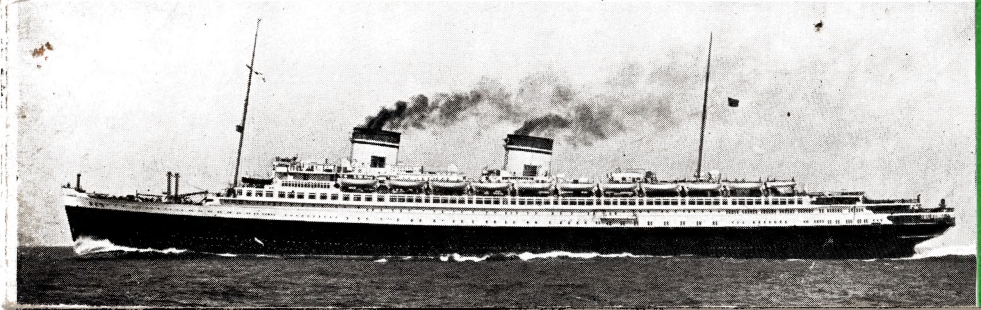

ITALY'S FIGHTING FORCES

ON LAND, SEA AND IN THE AIR

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Recognise her ships and aircraft

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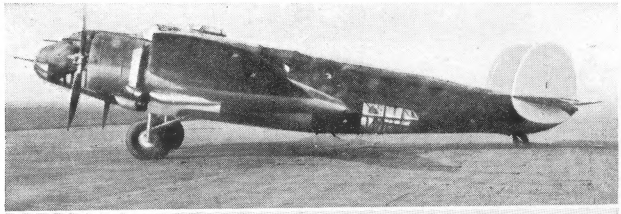

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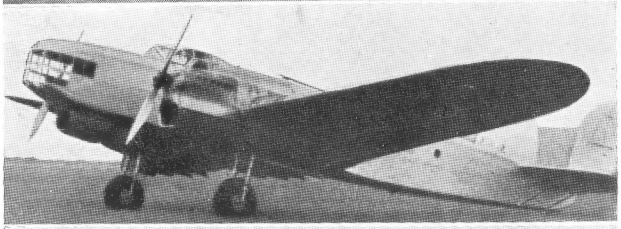

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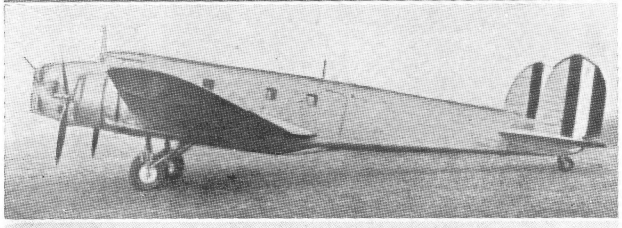

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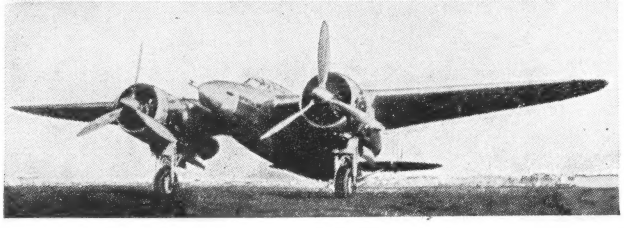

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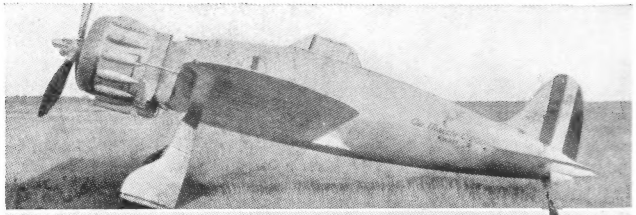

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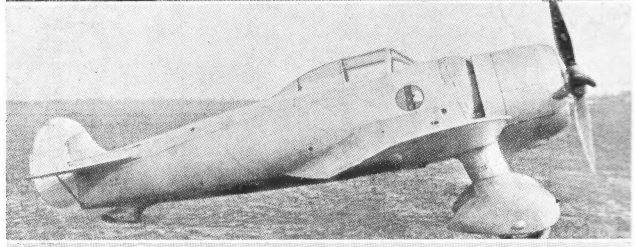

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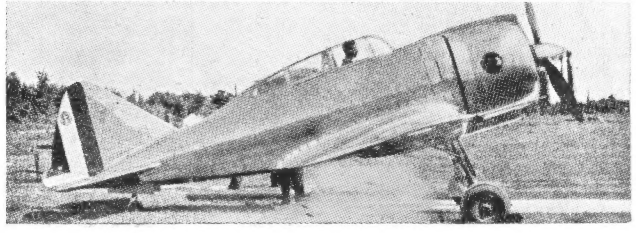

8

ITALY'S FIGHTING FORCES

ON LAND, SEA AND IN THE AIR

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FOREWORD

In strenuous efforts to raise Italy to the status of a first class Imperial power, the shadow of the fasces has fallen across all quarters of sunlit Italy and it cannot be denied that in many material ways Mussolini has achieved considerable success.

Italy is not a country given to discipline and order so that in many ways it has been far more difficult to organize and build up a totalitarian State than in Germany where the people have known little but rigid discipline and repression for generations until it is inherent in their nature and outlook.

On the surface, nowhere has this energy been more pronounced than in the creation of the present day fighting forces and in the rise of the merchant fleet.

Very soon after his rise to power, Mussolini set about the re-birth of the Italian navy which at the end of the last war consisted for the most part of out-of-date and ill-equipped vessels. To-day it is made up of very fine ships indeed and in numbers it is impressive.

Particular attention has been paid to the building up of a large submarine fleet and it is interesting to note that many of the cruisers, destroyers and torpedo craft are equipped for mine-laying. With the growth of the Empire, the need for a large navy grew correspondingly although it was at first of a defensive character but in recent years there has grown up a "deep water" school of thought which aims at being capable of challenging the mastery of the outer seas.

The merchant fleet has been re-born and from consisting very largely of a fleet of somewhat antiquated tramps it now ranks 6th among the merchant fleets of the world with a total tonnage of about 3,200,000.

In quality it stands high and such ships as the former Blue Riband holder, "Rex", are well known and much attention has been devoted to the internal combustion engine. On many trades Great Britain was hard put to it to hold her own because huge subsidies and State assistance were granted to Italian shipping companies which were generally merged with others for the purpose of avoiding overlapping and waste.

The Royal Italian Air Force consists of about 4,000 to 4,500 effective aircraft although many of these are somewhat old and not of first quality. She has been peculiar in concentrating largely on three-engined bombers and on seaplanes.

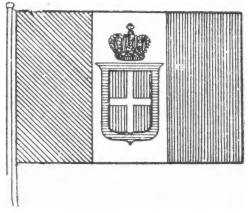
Although the individual performances of Italian flyers have been outstanding and her successes in the Schneider Trophy races are well remembered, it is not generally considered that her Air Force can be classed as highly as others. Until the German parachute troops had proved their value not much attention was paid to this form of aerial warfare but recently there is evidence that the lesson has been taken to heart. Many of the large commercial machines will no doubt be used for troop transports.

The Army may probably number about 5 million men in time but at the present there is not equipment for this number although mechanization on a large scale with the assistance of Germany is being pressed forward.

There is no doubt that her overseas possessions render Italy particularly vulnerable as her forces must necessarily be dispersed and without gaining command of the sea or at least of the Eastern part of the Mediterranean, it is not too much to say that her task will be heavy in keeping these forces adequately supplied.

Her merchant fleet has already been driven from the seas and over 300,000 tons captured, sunk or scuttled and it is difficult to understand why Italy, which had accomplished so much, should apparently be willing to sacrifice all to the dream of further aggrandisement. By snatching at the shadow she will stand every risk of losing the substance.

THE ROYAL ITALIAN NAVY



ITALIAN NAVY

Personnel of the Fleet was authorized as about 75,000 of all ranks for 1939.

The highest rank, that of Grand Admiral, is only conferred upon a Flag Officer who has distinguished himself in command of a fleet in times of war.

All commissioned officers wear a blue sash over the right shoulder when on duty.

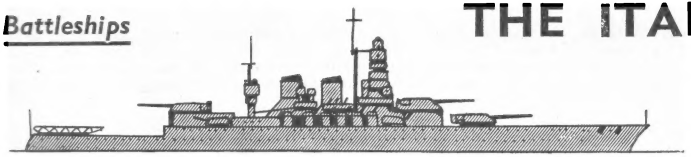
Expenditure on the fleet has increased rapidly from about 1,305,000,000 lire in 1935–36 to 2,700,000,000 for the 1939–40 period.

The large guns in the fleet are of 8 inch, 12·6 and 15 inch calibre.

The colouring of the ships is very light grey.

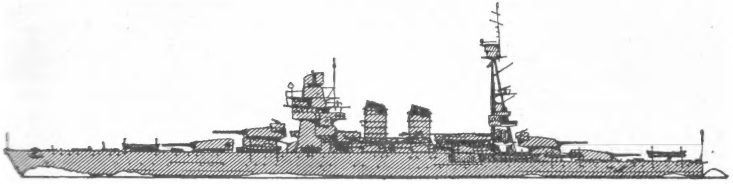
THE ITALIAN NAVY

Battleships



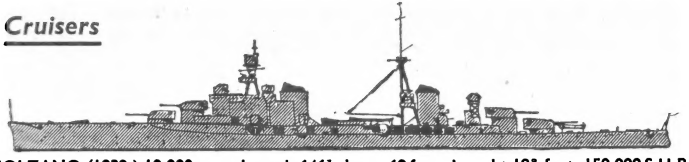
BUILDING

LITTORIO CLASS: **Littorio, Vittorio Veneto, Impero, Roma.** (First two launched 1937, second pair laid down 1938.) 35,000 tons. Length 775 feet, beam 106½ feet, draught 28 feet. 130,000 S.H.P., 30 knots. Guns: 9—15 inch, 12—6 inch, 12—3·5 AA. No torpedo tubes. Carry 3 aircraft. Armour: 12—9″ belt.



CAVOUR CLASS : **Conte di Cavour, Giulio Cesare, Caio Duilio, Andrea Doria.** (First pair 1911, others 1913.) 23, 622 tons. Length : 611½ feet, beam 92 feet, draught 30 feet. 75,000 S.H.P., 27 knots. Guns : 10—12·6 inch latest Terni model (main armament of all four). Secondary armament : 12—4·7 inch, 8—3·9 inch AA (first pair) ; 12—5·3 inch, 10—3·5 inch (second pair). Aircraft :, 4 with 2 catapults, flanking funnels. Armour : 9¾″—5″ belt, 11″ turrets, 11″ conning tower ; now have improved protection over magazines and machinery spaces. *Cavour* and *Cesare* reconstructed 1933-7, *Duilio* and *Doria* 1937-9. Latter pair as reconstructed probably closely resemble the above drawing, which represents the completed *Cavour* and *Cesare*.

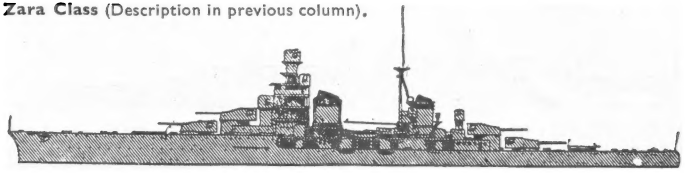
Cruisers



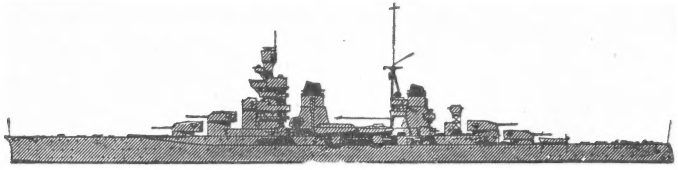
BOLZANO (1932.) 10,000 tons. Length 646½, beam 68 feet, draught 18¾ feet. 150,000 S.H.P., 36 knots. Guns : 8—8 inch, 12—3·9 inch, 10—37mm. AA. Torpedo tubes : 8—21 inch. Aircraft : 2 with one catapult amidships. Armour : 2¾″ side, 3″ turrets, 3″ conning tower, 2″ deck.

ZARA CLASS : **Zara, Fiume, Gorizia, Pola.** (All 1930 except *Pola* 1931.) 10,000 tons. Length 599½ feet, beam 67⅞ feet, draught 19½ feet. 95,000 S.H.P., 32 knots. Guns : 8—8 inch, 12—3·9 inch, 10—37mm. AA. No torpedo tubes. Aircraft : 2 with 1 catapult. Armour: 5¼″ side, 5″ turrets, 3″ conning tower, 2″ deck. *Pola* has bridge streamlined into forefunnel, otherwise appearance as *Zara* and *Fiume*. Drawing in next column.

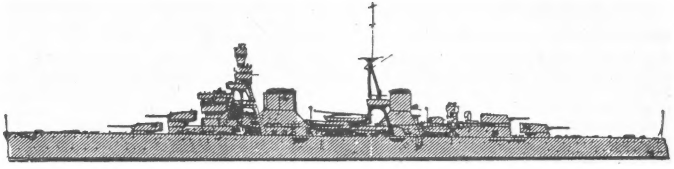
Zara Class (Description in previous column).



Zara, Fiume.



Gorizia



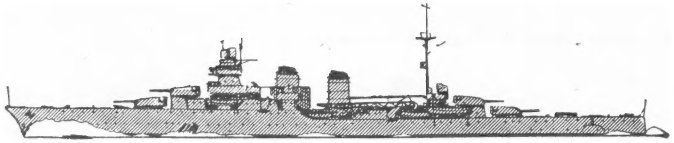
TRENTO CLASS : **Trento, Trieste.** (1927, 1926.) 10,000 tons. Length 645 feet, beam 67½ feet, draught 19 feet. 150,000 S.H.P., 35 knots. Guns : 8—8 inch, on forecastle 12—3·9 inch. Torpedo tubes : 8—21 inch on decks. Aircraft : 2 with 1 catapult. Armour : 3″ side amidships, 3″ turrets, 3″ conning tower, 2″ deck.

BUILDING

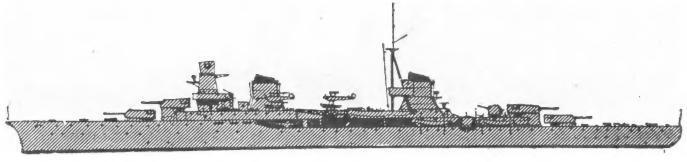
CIANO CLASS : **Ammiraglio Costanzo Ciano** and another unnamed. (Laid down 1939.) 8,000 tons. Guns : 10—6 inch. 4 aircraft. Armour will probably be more extensive than Garibaldi class.

BUILDING

REGOLO CLASS : **Attilio Regolo, Scipione Africano, Caio Mario, Claudio Tiberio, Paolo Emilio, Cornelio Silla, Ottaviano Augusto, Pompeo Magno, Ulpio Traiano, Vipsanio Agrippa, Claudio Druso, Giulio Germanico.** (Laid down 1939, to be completed 1941.) 3,362 tons. Length (waterline) 444½ feet, beam 44¼ feet, draught 13 feet. 120,000 S.H.P., 41 knots. Guns : 8—5·3 inch, 6—65 mm.AA. Torpedo tubes : 8—21 inch. Will be equipped for minelaying. Armour: negligible.



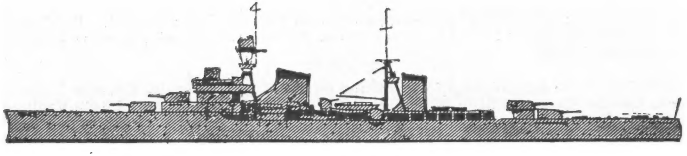
GARIBALDI CLASS : **Giuseppe Garibaldi, Luigi di Savoia Duca degli Abruzzi.** (1936.) 7,874 tons. Length 613¾ feet, beam 61 feet, draught 17 feet. 100,000 S.H.P., 35 knots. Guns: 10—6 inch, 8—3·9 inch, 8—37 mm. AA. ; 2 depth charge throwers ; equipped for minelaying. Torpedo tubes : 6—21 inch (tripled). Aircraft : 4 with 2 catapults abaft second funnel. Armour : 3″—1½″ side, 1½″ deck, 1″ turrets and conning tower. The design of these vessels and of the following three classes are developments of the original Condottieri Class (i.e. *Giovanni delle Bande Nere* class).



Emanuele Filiberto Class (*Montecuccoli* class have thinner after funnel).

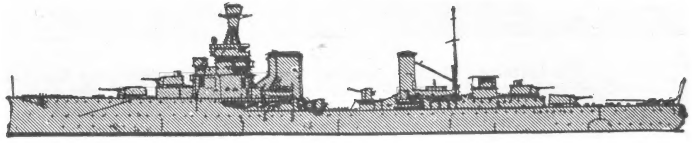
EMANUELE FILIBERTO CLASS: **Eugenio di Savoia, Emanuele Filiberto Duca D'Aosta.** (1935, 1934.) 7,283 tons. Length 610½ feet, beam 57½ feet, draught 16½ feet. 110,000 S.H.P., 36·5 knots. Guns: 8—6 inch, 6—3·9 inch AA., 8—37 mm. AA. ; 2 depth charge throwers ; equipped for minelaying. Torpedo tubes : 6—21 inch (tripled). Aircraft : 3 with 1 catapult between funnels. Armour : 3″—1½″ side, 1½ "deck, 1″ turrets 1″ conning tower.

Raimondo Montecuccoli, Muzio Attendolo. (1934). 6,941 tons. Length 597¾ feet, beam 54½ feet, draught 14¾ feet, 106,000 S.H.P., 37 knots. Guns : 8—6 inch, 6—3·9 inch AA., 8—37 mm. AA. ; 2 depth charge throwers ; equipped for minelaying. Torpedo tubes : 4—21 Inch (paired). Aircraft : 3 with catapult between funnels. Armour : thin plating only on turrets, deck and sides slightly thicker at waterline.



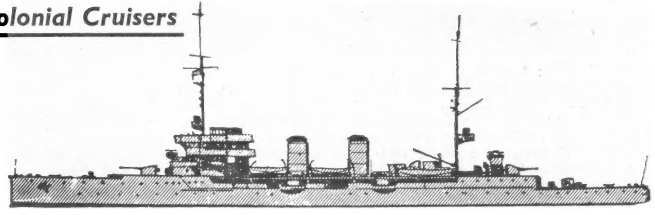
Luigi Cadorna and Armando Diaz (Description in next column).

Luigi Cadorna, Armando Diaz. (1931, 1932.) 5,008 tons. Length 554½ feet, beam 50½ feet, draught 14 feet. 95,000 H.P., 37 knots. Guns : 8—6 inch, 6—3·9 inch AA., 8—37 mm. AA.; 2 depth charge throwers; equipped for minelaying. Torpedo tubes: 4—21 inch (paired). Aircraft : 2 with 1 catapult. Armour : thin plating over decks, sides and turrets. Drawing in previous column.

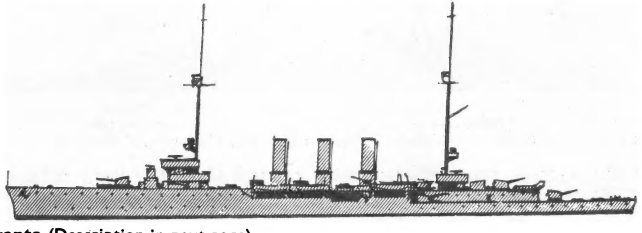


BANDE NERE CLASS : **Giovanni delle Bande Nere, Alberto di Giussano, Alberico da Barbiano.** (1930.) 5,069 tons. Length 555½ feet, beam 50½ feet, draught 14½ feet. 95,000 H.P., 37 knots. Guns : 8—6 inch, 6—3·9 inch AA., 8—37mm. AA. ; 2 depth charge throwers. Mines : except *Giussano*, equipped for minelaying. Torpedo tubes : 4—21 inch (paired). Aircraft : 2 with catapult on forecastle. Armour : thin plating on decks, sides and turrets. *Bartolomeo Colleoni* of this class sunk, July 1940

Colonial Cruisers



Bari. (1914.) 3,248 tons. Length 444 feet, beam 44½ feet, draught 13½ feet. 21,000 H.P., 27 knots. Guns : 8—5·9 inch, 3—3 inch AA. No torpedo tubes. Equipped to carry 120 mines. Armour : 3½″ side, 3″—¾″ deck, 4″ conning tower.

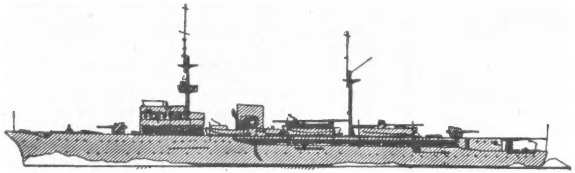


Taranto (Description in next page).

See previous page.

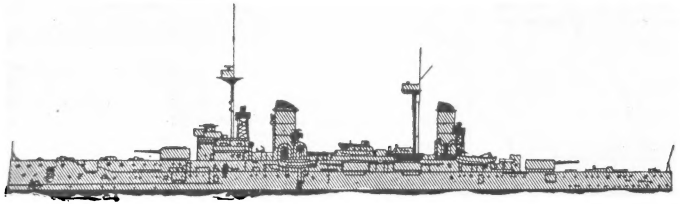
Taranto. (1911.) 3,184 tons. Length 455 feet, beam 44 feet, draught 12⅛ feet. 13,000 H.P., 21 knots. Guns : 7—5·9 inch, 2—3 inch AA. No torpedo tubes. Equipped to carry 120 mines. 1 aircraft. Armour : 2½"—2¼" side, 2" deck, 4" conning tower.

Escort Vessel



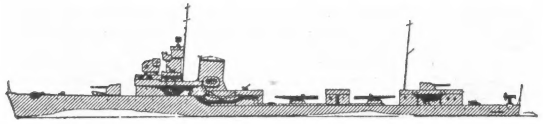
Eritrea. (1936.) 2,172 tons. Length 274 feet, beam 43⅜ feet, draught 11½ feet. 8,000 H.P., 20 knots (diesel electric drive). Guns : 4—4·7 inch, 4—37 mm. AA. Fitted for minelaying.

Coast Defence Ship



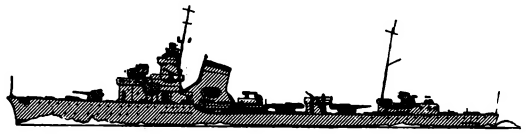
San Giorgio. (1908.) 9,232 tons. Length 462½ feet, beam 69 feet, draught 22⅝ feet. 18,000 H.P., 22 knots. Guns : 4—10 inch, 8—7·5 inch, 8—3·9 inch. Armour : 8"—2¼" side, 1¾"—1½" deck, 5¼" turrets, 9⅝" conning towers.

Destroyers

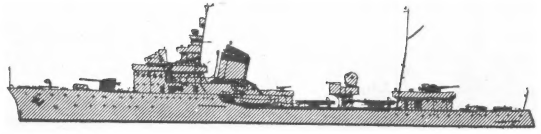


ORIANI CLASS : **Vittorio Alfieri, Giosue Carducci, Vincenzo Gioberti, Alfredo Oriani.** (1936.) 1,729 tons. 39 knots. Guns : 4—4·7 inch, 8—37 mm. AA. ; 2 depth charge throwers ; 6—21 inch TT (tripled).

AVIERE CLASS : **Aviere, Artigliere, Ascari, Camicia Nera, Corazziere, Geniere Alpino, Fuciliere, Bersagliere, Granatiere, Carabiniere, Lanciere.** (*Aviere* 1937, others 1938). 1,620 tons. 39 knots. Guns : 4—4·7 inch, 6—37 mm. AA. ; 2 depth charge throwers; 6—21 inch TT (tripled). Appearance similar to *Oriani* class in previous column.

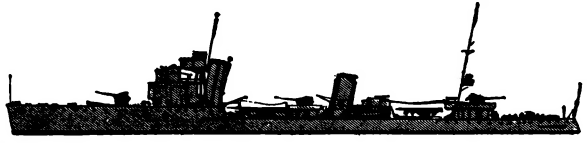


GRECALE CLASS : **Maestrale, Grecale, Libeccio, Scirocco.** (1934.) 1,449 tons. 38 knots. Guns : 4—4·7 inch, 8—37 mm. AA. ; 6—21 inch TT.

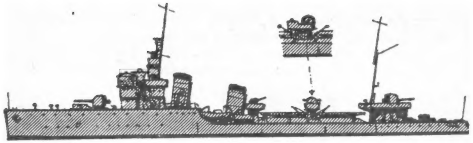


FOLGORE CLASS : **Folgore, Lampo, Baleno, Fulmine.** (1931.) 1,220 tons. 38 knots. Guns : 4—4·7 inch, 4—37 mm. AA. ; 6—21 inch TT (tripled) ; fitted for minelaying.

DARDO CLASS : **Dardo, Strale, Freccia, Saetta.** (1930, 1931, 1930, 1932.) 1,206 tons. 38 knots. Guns : 4—4·7 inch, 4—37 mm. AA. ; 6—21 inch TT (tripled) ; fitted for minelaying.



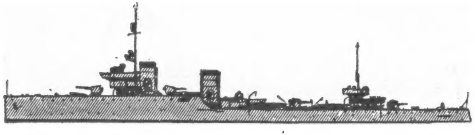
NAVIGATORI CLASS : **Luca Tarigo, Lanzerotto Malocello, Ugolino Vivaldi, Antoniotto Usodimare, Leone Pancaldo, Antonio da Noli, Emanuele Pessagno, Nicoloso da Recco, Nicolo Zeno, Giovanni da Verazzano, Alvise da Mosto, Antonio Pigafetta** (*L. Tarigo, N. Zeno, G. da Verazzano,* 1928 ; *E. Pessagno, N. da Recco,* 1930 ; others 1929.) 1,628 tons. 38 knots. Guns : 6—4·7 inch, 4—37 mm. AA ; 4—21 inch TT (paired) ; some carry 50 mines.



TURBINE CLASS : **Borea, Ostro, Aquilone, Turbine, Euro, Nembo.** (*Ostro* 1928 ; others 1927.) First two 1,073 tons, others 1,092 tons. 36 knots. Guns : 4—4·7 inch, 4—37 mm. AA. ; 6—21 inch TT (tripled). Appearance as part sketch.

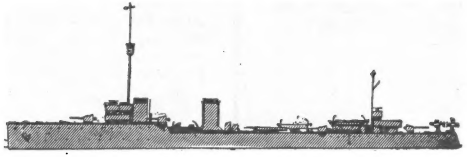
SAURO CLASS : **Cesare Battisti, Nazario Sauro, Daniele Manin, Francesco Nullo.** (First pair 1926 ; second pair 1925). 1,058 tons. 35 knots. Guns : 4—4·7 inch, 4—37 mm. AA. ; 4—21 inch TT (in pairs) ; carry 30 mines. Appearance as main sketch.

SELLA CLASS : **Francesco Crispi, Giovanni Nicotera, Bettino Ricasoli, Quintino Sella.** (*F. Crispi, Q. Sella* 1925 ; others 1926.) 935 tons. 35 knots. Guns : 4—4·7 inch, 2—40 mm. AA. ; 4—21 inch TT (in pairs).



LEONE CLASS : **Leone, Pantera, Tigre.** (1923.) 1,526 tons. 34 knots. Guns : 8—4·7 inch, 2—40 mm. AA. ; 4—21 inch TT (in pairs) ; carry 60 mines normally, maximum stowage is 100. Fitted with special smoke screen apparatus.

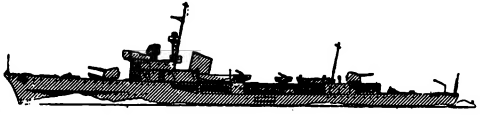
MIRABELLO CLASS: **Carlo Mirabello, Augusto Riboty** (1914, 1915.) 1,383 tons. 35 knots. Guns : 8—4 inch, 2—40 mm. AA. ; 4—18 inch TT ; carry 100 mines. Drawing in next column.



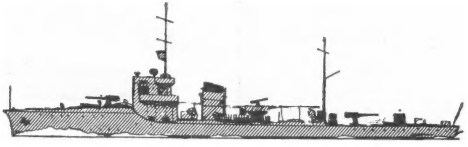
Mirabello Class (Description in previous column).

Torpedo Boats

PARTENOPE CLASS : **Partenope, Polluce, Pallade, Pleiadi, Libra, Lince, Lira, Lupo, Airone, Alcione, Aretusa, Ariel, Calipso, Calliope, Circe, Clio.** (*Partenope, Lince, Airone,* and last six, 1938 ; others 1937.) 679 tons. 34 knots. Guns : 3—3·9 inch, 6—37 mm. AA. ; two depth charge throwers ; 4—18 inch TT (mounted in pairs, except *Libra, Lince, Lira, Lupo* which have 4 single mountings) ; fitted for minelaying. Appearance similar to Spica class in next column.



ORSA CLASS : **Orione, Orsa, Pegaso, Procione.** (*Pegaso* 1936, others 1937). 855 tons. 28 knots. Guns : 2—3·9 inch ; 6 depth charge throwers ; 4—18 inch TT (in pairs).



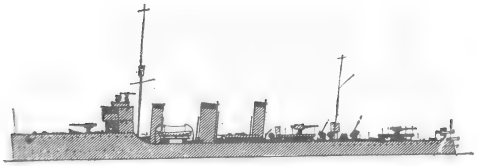
Albatros. (1934.) 340 tons. 24·5 knots. Guns : 2—3·9 inch, 4—37 mm. AA. ; 4 depth charge throwers ; 2—18 inch TT.

SPICA CLASS : **Spica, Astore, Centauro, Climene, Castore, Cigno, Canapo, Cassiopea, Sirio, Perseo, Sagittario, Vega, Altair, Antares, Aldebaran, Andromeda.** (First pair 1934; *Sirio, Perseo* 1935; remainder 1936.) Tonnage : First pair 638 tons ; *Centauro, Climene, Castore, Cigno, Canapo, Cassiopea,* 652 tons ; others, 642 tons. 34 knots. Guns : 3—3·9 inch, 6—37 mm. AA. ; 2 depth charge throwers ; 4—18 inch TT (in *Spica, Astore, Centauro, Climene* one double and two single mountings ; others two double mountings).

CURATONE CLASS : **Calatafimi, Castelfidardo, Curatone, Monzambano.** (1923.) 966 tons. 34 knots. Guns : 4—4 inch, 2—3 inch AA. ; 6—18 inch TT ; carry 10 mines, equipped for minelaying.

PALESTRO CLASS: **Confienza, Palestro, San Martino, Solferino.** (*Palestro* 1919 ; others 1920.) 862 tons. 32 knots. Guns : 4—4 inch, 2—3 inch AA. ; 4—18 inch TT (paired). Equipped for minelaying, carry 10 mines.

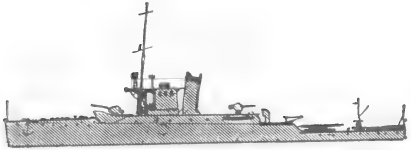
GENERALI CLASS : **Generale Achille Papa, Generale Antonio Cantore, Generale Antonino Cascino, Generale Antonio Chinotto, Generale Carlo Montanari, Generale Marcello Prestinari.** (*A. Papa. A. Cantore, A. Chinotto,* 1921 ; others 1922.) 635 tons. 30 knots. Guns : 3—4 inch, 2—3 inch AA. ; 4—18 inch TT (paired). Drawing on next page.



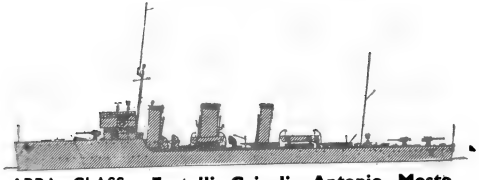
Generali, Cosenz and Sirtori class.

COSENZ CLASS : **Enrico Cosenz, Giacomo Medici, Giuseppe la Farina, Nicola Fabrizi, Angelo Bassini, Giacinto Carini, Giuseppe la Masa.** (First four 1917, others 1916.) 635 tons. 30 knots. Guns : 4—4 inch, 2—3 inch AA. ; 4—18 inch TT (paired).

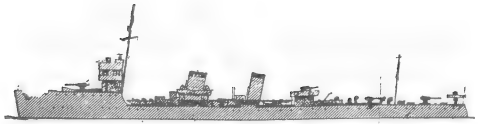
SIRTORI CLASS : **Giuseppe Sirtori, Francesco Stocco, Giovanni Acerbi, Vincenzo Orsini.** (1916.) 669 tons. 30 knots. Guns : 6—4 inch, 2—40 mm. AA. ; 4—18 inch TT (paired) ; carry 10 mines.



ERNESTO GIOVANNINO. (1921.) 182 tons. 23 knots. Guns : 2—4 inch ; 2—18 inch TT (paired) ; fitted for minelaying.

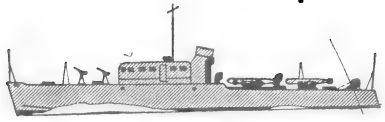


ABBA CLASS : **Fratelli Cairoli, Antonio Mosto, Rosolino Pilo, Giuseppe Abba, Simone Schiaffino, Giuseppe Dezza, Giuseppe Missori.** (All 1914 except *G. Missori*, 1915.) 615 tons. 32—33·8 knots ; first pair 30·8 knots. Guns : 5—4 inch, 2—40 mm. AA. ; 4—18 inch TT (single mountings).



Audace. (1915.) 629 tons. 31 knots. Guns : 7—4 inch, 2—40 mm. AA. ; 4—18 inch TT (paired). Now used as control vessel for the wireless controlled target ship *San Marco*.

Motor Torpedo Boats



Stephano Turr. (1935.) 59 tons. Length 105 feet. 34 knots (designed speed, actual speed under 30 knots). Armament : 3 M.G. AA. ; 4—18 inch TT.
M.A.S.. 451, 452, 501—551 (1936-39.) 20 tons. Length 69 feet. 47 knots. Armament : 2—18 inch TT ; 1 or 2 M.G. AA. ; 5 depth charges.
M.A.S. 438-441. (1935.) 35½ tons. 36 knots.
M.A.S. 423, 424, 426, 430, 432-434, 437 (1923-30.) 13½ -14 tons. 40 knots. Armament : 2 TT; 2 M.G.; 5 depth charges.
M.A.S. 431. (1931.) 15 tons. Similar vessel to above class.
M.A.S. 204, 206, 210, 213, 216. (1916-19.) 12 tons. Length 52½ feet. 26 knots. Armament : 2 TT ; 2 M.G.; some carry mines.

Submarines

(16 have been officially reported sunk: names withheld.)

OCEAN-GOING

COMPLETING

ST. BON CLASS : **Ammiraglio Saint Bon, Ammiraglio Cagni, Ammiraglio Caracciolo, Ammiraglio Millo** and 6 unnamed. 1,461 tons (surface). 18 knots (surface). Armament: 14—18 inch TT; 2 —3·9 inch guns.

COMPLETING

LIUZZI CLASS : **Console Generale Liuzzi, Alpino Bagnolini, Reginaldo Giuliani, Capitano Tarantini.** 1,031 tons (surface). 18 knots (surface). Armament: 8—21 inch TT ; 2—3·9 inch guns.

COMPLETING

MARCONI CLASS : **Guglielmo Marconi, Leonardo da Vinci, Michele Bianchi, Luigi Torelli, Alessandro Malaspina, Maggiore Baracca.** 1,036 tons (surface.) 18 knots (surface). Armament : 8—21 inch TT; 2—3·9 inch guns.

COMPLETING

CAPPELLINI CLASS: **Comandante Cappellini, Comandante Faa di Bruno** and 6 unnamed. (1939.) 951 tons surface, 1,270 tons submerged. 17 knots¼ surface. Armament: 8—21 inch TT ; 4—3·9 inch guns.
Details of appearance unknown.

MARCELLO CLASS : **Dandolo, Marcello, Mocenigo, Barbarigo, Emo, Morosini, Nani, Provana, Veniero.** (First three 1937, others 1938.) 941 tons surface, 1,260 tons submerged. 17 knots surface, 9 knots submerged. Armament : 8—21 inch TT ; 2—3·9 inch guns.
Details of appearance unknown.

GALVANI CLASS : **Brin, Galvani, Guglielmotti.** (1938.) 896 tons surface, 1,247 tons submerged. 17 knots surface, 9 knots submerged. Armament : 8—21 inch TT ; 1—3·9 inch gun.

FOCA CLASS : **Foca, Zoea, Atropo.** (First pair 1937, *Atropo* 1938.) 1,109 tons. (*Atropo* 1,121 tons) surface, 1,533 tons submerged. 16 knots surface, 8 knots submerged. Armament: 6—21 inch TT (bow) ; 1—3·9 inch gun; 2 mine-discharging chutes.

CALVI CLASS: **Pietro Calvi, EnricoTazzoli, Giuseppe Finzi.** (1935.) 1,332 tons surface, 1,965 tons submerged. 17 knots surface, 8¾ knots submerged. Armament : 8—21 inch TT (6 bow, 2 stern) ; 2—4·7 inch guns.

GLAUCO CLASS : **Glauco, Otaria.** (1935.) 863 tons surface, 1,167 tons submerged. 17 knots surface, 8·5 knots submerged. Armament : 8—21 inch TT ; 2—3·9 inch guns.

Pietro Micca. (1935.) 1,371 tons surface, 1,883 tons submerged. 15·5 knots surface, 8·5 knots submerged. Armament : 6—21 inch TT (bow) ; 2—4·7 inch guns ; 40 mines.

ARCHIMEDE CLASS : **Archimede, Galileo Galilei, Evangelista Torricelli, Galileo Ferraris.** (*Archimede* 1933, others 1934.) 880 tons surface, 1,231 tons submerged. 17 knots surface, 8·5 knots submerged. Armament : 8—21 inch TT ; 2—3·9 inch guns.

Ettore Fieramosca. (1929.) 1,340 tons surface, 1,788 tons submerged. 19 knots surface, 10 knots submerged. Armament : 8—21 inch TT; 1—4·7 inch gun; can carry a small seaplane.

Balilla Class. (Description in next column.)

BALILLA CLASS : **Balilla, Antonio Sciesa, Enrico Toti, Domenico Millelire.** (*Balilla, Millelire* 1927 ; others 1928.) 1,368 tons surface, 1,874 tons submerged. Armament : 6—21 inch TT (2 stern, 4 bow) ; 1—4·7 inch gun. Designed for deep diving, have no bow hydroplanes. Drawing in previous column.

COASTAL

ARGO CLASS : **Argo, Velella.** (1936.) 676 tons surface, 857 tons submerged. 14 knots surface, 8 knots submerged. Armament : 6—21 inch TT (bow) ; 1—3·9 inch gun.

ARGONAUTA CLASS : **Argonauta, Fisalia, Medusa, Serpente, Salpa, Jalea, Jantina.** (First three 1931, others 1932.) 599 tons surface, 778 tons submerged. 14 knots surface, 8.5 knots submerged. Armament : 6—21 inch TT ; 1—4 inch gun. Two of these vessels are reported to have been transferred to the Spanish Nationalist Navy; they are probably the *Salpa* and *Serpente*.

PERLA CLASS : **Beilul, Durbo, Lafole, Scire, Tembien, Uarsciek, Uebi Scebeli, Ascianghi, Gondar, Macalle, Neghelli, Adua, Alagi, Aradam, Axum, Dagabur, Dessie, Berillo, Corallo, Diaspro, Gemma, Perla, Turchese, Ambra, Iride, Malachite, Onice.** (First five 1938, next six 1937, others 1936.) Tonnage : (surface) *Uarsciek, Uebi Scebeli, Dagabur, Dessie*, 613 tons ; *Adua, Alagi, Aradam, Axum, Berillo, Corallo, Diaspro, Gemma, Perla, Turchese*, 620 tons ; others 615 tons ; (submerged) 853 tons. 14 knots surface, 8·5 knots submerged. Armament : 6—21 inch ; 1—3·9 inch gun. Appearance similar to Argonauta class.

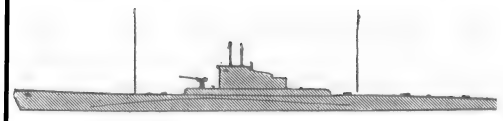
SIRENA CLASS : **Sirena, Naiade, Nereide, Anfitrite, Galatea, Ondina, Diamante, Smeraldo, Ametista, Rubino, Topazio, Zaffiro.** (1933.) 590 tons surface, 787 tons submerged. 14 knots surface, 8·5 knots submerged. Armament : 6—21 inch TT ; 1—3·9 inch gun. Appearance similar to Argonauta class.

SETTEMBRINI CLASS : **Luigi Settembrini, Ruggiero Settimo.** (1930, 1931.) 798 tons surface, 1,134 tons submerged. 17·5 knots surface, 9 knots submerged. Armament : 8—21 inch TT. ; 1—4 inch gun.

SQUALO CLASS : **Delfino, Narvalo, Squalo, Tricheco.** (1930.) 810 tons surface, 1,077 tons submerged. 16·5 knots surface, 9 knots submerged. Armament : 8—21 inch TT. ; 1—4 inch gun.

CORRIDONI CLASS : **Marcantonio Bragadino, Filippo Corridoni.** (1929, 1930.) 803 tons surface, 1,051 tons submerged. 14 knots surface, 8 knots submerged. Armament : 4—21 inch TT. ; 1—4 inch gun ; carry 24 mines, two minelaying chutes.

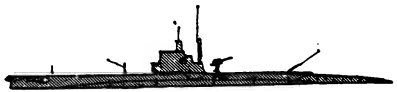
SANTAROSA CLASS : **Santorre Santarosa, Ciro Menotti, Fratelli Bandiera, Luciano Manara.** (1929.) 815 tons surface, 1,078 tons submerged. 17·5 knots surface, 9 knots submerged. Armament : 8—21 inch TT. ; 1—4 inch gun.



Mameli Class. (Description on next page.)

MAMELI CLASS : **Goffredo Mameli, Pier Capponi, Tito Speri, Giovanni da Procida.** (1926, 1927, 1928, 1929.) 770 tons surface, 994 tons submerged. 17 knots surface, 9 knots submerged. Armament : 6—21 inch TT. ; 1—4 inch gun. Drawing on previous page.

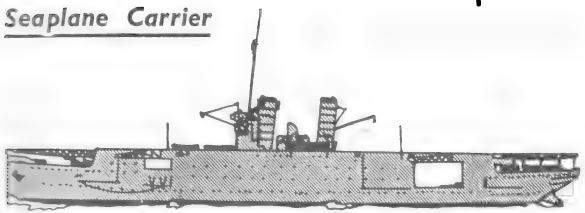
PISANI CLASS : **Vittor Pisani, Giovanni Bausan, Marcantonio Colonna, Ammiraglio des Geneys.** (*Pisani, Colonna* 1927, others 1928.) 791 tons surface, 1,040 tons submerged. 17·5 knots surface, 9 knots submerged. Armament : 6—21 inch TT. ; 1—4 inch gun.



"H" CLASS : **H1, H2, H4, H6, H8.** (First pair 1916, others 1917.) 336 tons surface, 434 tons submerged. 13 knots surface, 11 knots submerged. Armament : 4—18 inch TT. (bow). Built in Canada.

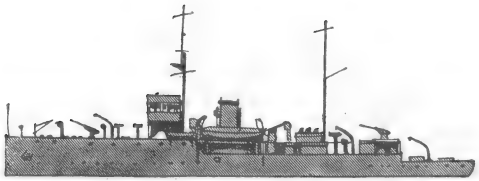
"X" CLASS : **X2, X3.** (1916.) 389 tons surface, 453 tons submerged. 10 knots surface, 7·9 knots submerged. Armament : 2—18 inch TT. ; 1 MG. ; 9 mine chutes, carry 18 mines.

Seaplane Carrier

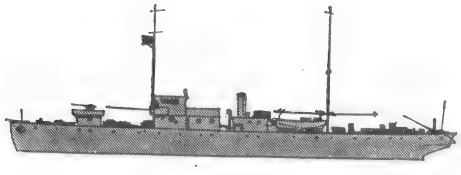


Giuseppe Miraglia. (1923.) 4,880 tons. 21 knots. Guns : 4—4 inch AA. Carries 4 large and 16 smaller aircraft, 2 catapults.

Minelayers

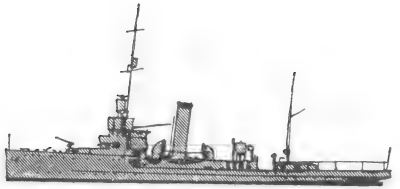


OSTIA CLASS : **Azio, Legnano, Lepanto, Ostia.** (*Ostia* 1925, *Legnano* 1926, others 1927.) 615 tons. 15 knots. Guns : 2—4 inch, 1—3 inch AA. ; carry 80 mines; equipped for minesweeping when required.



FASANA CLASS : **Buccari, Durazzo, Fasana, Pelagosa.** (*Fasana* 1924, others 1926.) 513 tons. 10 knots. Gun : 1—3 inch AA. ; carry 54 mines.

Albona, Laurana, Rovigno. (1919, 1920, 1919.) 113 tons. 11 knots. Gun : 1—3 inch.



Crotone, Vieatri. (1918.) 359 tons. 14 knots. Guns : 2—4 inch.

Minesweepers

Vedetta, Vigilante. (1937.) 70 tons. 12·3 knots. Gun : 1—3 inch.

RD 1. (1938.) 188 tons. 10 knots. Gun : 1—3 inch.

NOTE :—There are 39 small tugs, numbers variously from *RD 4* to *RD 57*. These are fitted for minesweeping. About 150 tons. 13 knots. Most have 1—3 inch AA gun.

Gunboats

BERTA CLASS : **Giovanni Berta, Giuseppe Biglieri, Mario Sonzini, Pellegrino Matteucci.** (1924.) 620 tons. 9 knots. Guns : 2—3 inch (*G. Berta* has 1—3 inch).

Ermanno Carlotto. (1921.) 180 tons. 14 knots. Guns : 2—3 inch AA. Shallow-draught river gunboat.

Valoroso. (1908.) 338 tons. 10 knots. Gun : 1—3 inch AA.

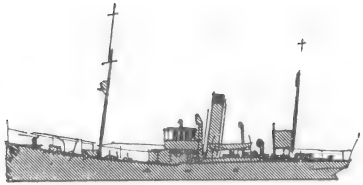
Alula. (1912.) 308 tons. 14 knots. Gun : 1—3 inch AA.

Porto Corsini. (1912). 280 tons. 9 knots. Guns: 2—3 inch AA.

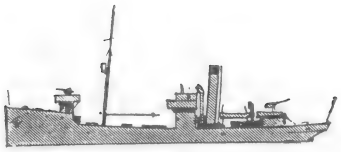
Rimini. (1912.) 319 tons. 9·5 knots. Gun : 1—3 inch AA.

Gallipoli. (1911.) 310 tons. 10 knots. Guns : 2—3 inch AA.

Otranto. (1911.) 290 tons. 9.5 knots. Guns : 2—3 inch AA.



Palmaiola. (1902.) 472 tons. 8·5 knots. Gun: 1—3 inch AA.

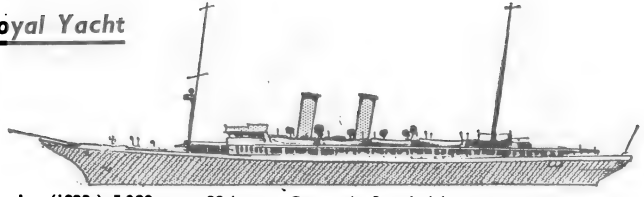


Cirene. (1912.) 383 tons. 9 knots. Guns: 2—3 inch AA.

Target Ship

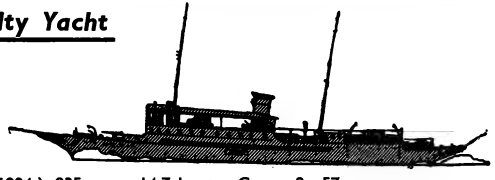
San Marco. (1908.) 8,600 tons. 18 knots. No armament. Ex-cruiser converted as wireless controlled target ship, control vessel is torpedo boat *Audace*.

Royal Yacht



Savoia. (1923.) 5,280 tons. 22 knots. Guns : 4—3 inch AA.

Admiralty Yacht



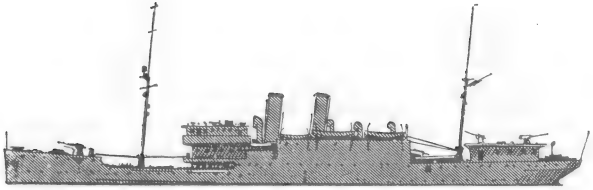
Aurora. (1904.) 935 tons. 14·7 knots. Guns : 2—57 mm.

Training Ships

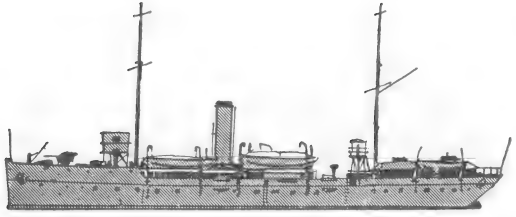
Amerigo Vespucci. (1930.) 3,543 tons. 10·5 knots with auxiliary diesel electric drive. Guns : 4—3 inch AA. Sail training vessel with accommodation for 150 midshipmen.

Cristoforo Colombo. (1928). 2,787 tons. Sail power used normally, diesel electric engines give 10 knots when required. Guns : 4—3 inch AA.

Submarine Depot Ships



Alessandro Volta, Antonio Pacinotti. (1921,1922.) 2,727 tons. 19 knots. Guns : Inch AA.



Sebastiano Caboto. (1912.) 778 tons. 13 knots. Guns : 6—3 inch.

Repair Ship

Quarnaro. (1924.) 7,185 tons. 11·5 knots. Guns : 3—4 inch AA.

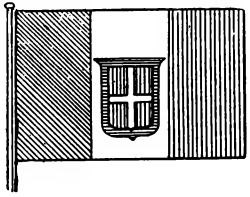
Submarine Salvage Vessels

Anteo. (1912). 1,252 tons. 8 knots. Fitted with two cranes, each lifting 200 tons.
Titano. (1913). 828 tons. 14 knots. Gun : 1—3 inch.

Salvage Vessels

Teseo. (1915). 1,250 tons. 16 knots. Guns : 2—3 inch.
Ciclope. (1903). 1,050 tons. 13·5 knots. Gun : 1—3 inch.

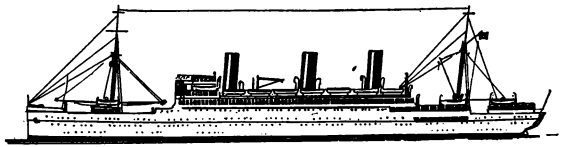
THE ITALIAN MERCHANT FLEET



THE ITALIAN MERCHANT FLEET

Tonnage given is *gross* tonnage and is to nearest 100 tons.
Length is *between perpendiculars*.
Speed is sea speed.
In war time all ships are painted grey.
(The name on right of top line is that of owners.)

3 Funnels, YELLOW

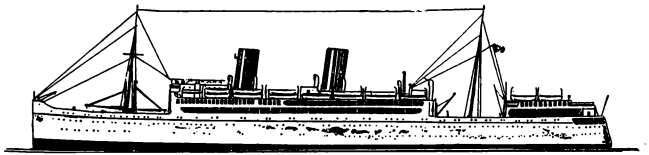


LOMBARDIA (Ex Resolute, ex Brabantia, ex William O'Swald). Triestino
Tonnage : 20,000 *Speed :* 17 knots.
Dimensions : 590×72×40. *Complement :* 4,500 troops.
Remarks : 4 decks. Purchased from Hamburg-Amerika Line for use as a transport, she ran for a time under the Italia flag.

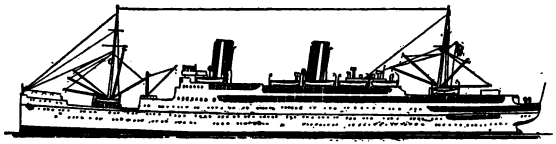
2 Funnels, BLACK with RED, WHITE and GREEN bands

IRCANIA (Ex Dovenden'35, ex Howick Hall). Garibaldi
Tonnage : 4,800. *Speed :* 12 knots.
Dimensions : 401×52×27. *Complement :*
Remarks : 2 decks with platform deck for light cargoes.

2 Funnels, YELLOW

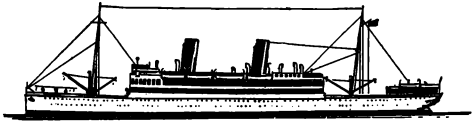


DUILIO, GIULIO CESARE. Triestino
Tonnage : 23,600. *Speed :* 21/19½ knots.
Dimensions : 602×76×46. *Complement :* 800 passengers, 500 crew.
Remarks : 4 decks and awning deck : *Giulio Cesare* has fore funnel raised on house, has no enclosed superstructure aft, has a tonnage opening forward, and only first boat is double. Both now have a crane just before bridge. Built for the old N.G.I. before the latter was merged with the Italia concern and transferred to Triestino in 1937.



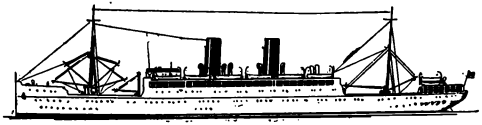
CONTE ROSSO (The Red Count), CONTE VERDE (The Green Count). Lloyd Triestino
Tonnage : 17,900. *Speed :* 20 knots.
Dimensions : 570×74×36. *Complement :* 640 passengers.
Remarks : 2 deckers with shelter deck. Built as Lloyd Sabaudo Liners.

2 Funnels, YELLOW



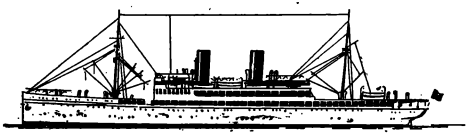
PO (Ex Vienna, ex Wien). **Lloyd Triestino**

Tonnage : 7,200. *Speed :* 16 knots.
Dimensions : 443×53×29. *Complement :* 500 passengers.
Remarks : 2 decker with awning deck. Rebuilt in 1937. Sister ship **Helouan** destroyed by fire in 1937.



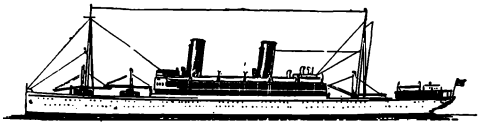
COLOMBO (Ex San Gennaro). **Triestino**

Tonnage : 11,800. *Speed :* 14 knots.
Dimensions : 518×64×24. *Complement :* passengers.
Remarks : Three-decker with shade-deck.



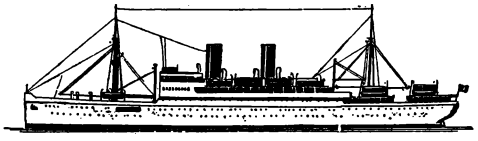
FRANCESCO CRISPI, GIUSEPPE MAZZINI. **Triestino**

Tonnage : 7,500. *Speed :* 16 knots.
Dimensions : 447×53×27. *Complement :* 450 passengers.
Remarks: 2 decks ; formerly in fleet of "Citra" Line and then of Tirrenia Co.



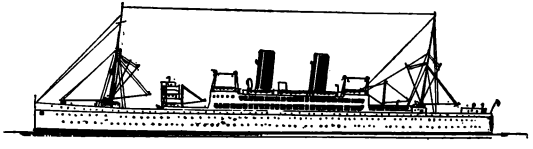
TEVERE (Ex Gablonz). **Lloyd Triestino**

Tonnage : 8,400. *Speed :* 15 knots.
Dimensions : 452×56×30. *Complement :* 490 passengers.
Remarks : 2 decks with awning deck.



SARDEGNA (Ex Sierra Ventana). **Triestino**

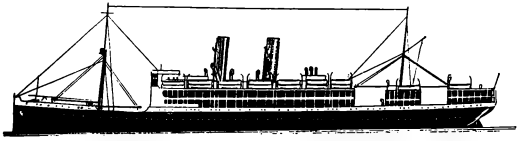
Tonnage : 11,500. *Speed :* 14 knots.
Dimensions : 491×63×34. *Complement :* 2,750 passengers.
Remarks : 4 decks, corrugated sides : purchased from Norddeutscher Lloyd for use as a transport, sister ship of **Sierra Cordoba** and **Der Deutsche** of Norddeutscher Lloyd. She ran for a time under Italia flag.



LIGURIA (Ex Melita), PIEMONTE (ex Minnedosa). **Triestino**

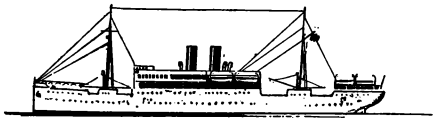
Tonnage : 15,400. *Speed :* 13 knots.
Dimensions : 520×67×50. *Complement :* 3,100 passengers.
Remarks : 4 decks and awning deck ; purchased from Canadian Pacific Steamships and converted into transports. Served for a time under Italia flag.

2 Funnels, YELLOW



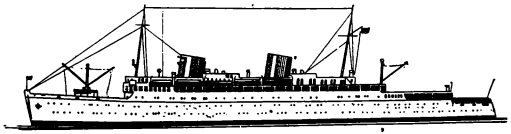
GRADISCA (Ex Gelria). **Lloyd Triestino**

Tonnage : 13,900.
Dimensions : 541 × 66 × 35.
Speed : 16½ knots.
Complement :
Remarks : 2 decks and shelter deck : purchased from Royal Holland Lloyd.



ITALIA. **Lloyd Triestino**

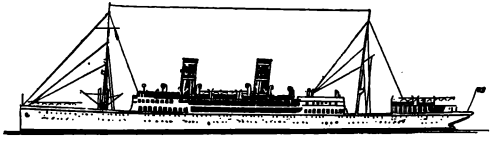
Tonnage : 5,200.
Dimensions : 394 × 48 × 27.
Speed : 13 knots.
Complement : 550 passengers.
Remarks :



VICTORIA (brown boats). **Lloyd Triestino**

Tonnage : 13,100.
Dimensions : 524 × 69 × 30.
Speed : 23½ knots.
Complement : 500 passengers.
Remarks : 2 decks. One of fastest motor vessels in world.

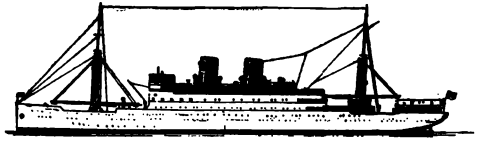
2 Funnels, YELLOW with narrow BLACK top, narrow RED and WHITE bands and BRONZE lion



ESPERIA (brown boats). **Adriatica**

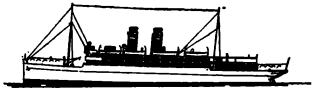
Tonnage : 11,400.
Dimensions : 492 × 63 × 34.
Speed : 21 knots.
Complement : 360 passengers.
Remarks : 4 decks. Built as a Sitmar Liner she was transferred to the Lloyd Triestino when the Sitmar Line was merged. She was again transferred in 1937, this time to the Adriatica Co. She is one of the most luxurious liners afloat and her sister ship, **Ausonia,** was destroyed by fire at Malta in 1935.

2 Funnels, YELLOW with narrow BLACK top, narrow RED and WHITE bands and BRONZE lion



MARCO POLO (Ex Gange, ex Presidente Wilson, ex Kaiser Franz Josef I.). **Adriatica**

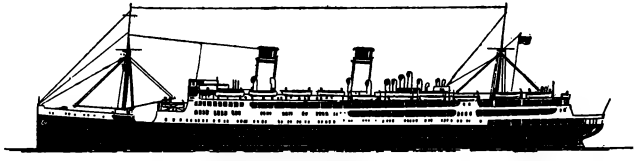
Tonnage : 12,300.
Dimensions : 477 × 60 × 43.
Speed : 18 knots.
Complement : 450 passengers.
Remarks : 3 decks and shelter deck. Funnels were shortened when she was rebuilt in 1937. Built for the Austrian Lloyd Line, she became Italian after the Great War, serving first in the Cosulich and then in the Lloyd Triestino Co., becoming Adriatica in 1937.



PALATINO (Ex Baron Bruck).
Adriatica (Adriatic)

Tonnage : 2,000.
Dimensions : 278 × 38 × 23.
Speed : 16 knots.
Complement : 85 passengers.
Remarks : Single decker with awning deck.

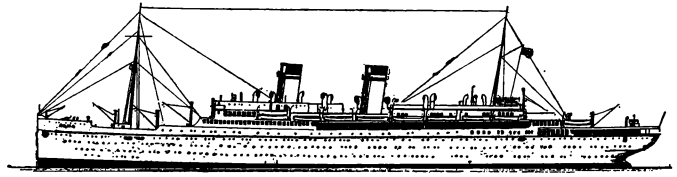
2 Funnels, WHITE with RED top and narrow GREEN band



CONTE GRANDE (The Great Count). **Italia**

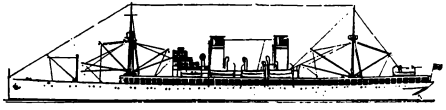
Tonnage : 25,700.
Dimensions : 625 × 78 × 27.
Speed : 20 knots.
Complement : 1,600 passengers.
Remarks : 4 decks. Laid down as a Lloyd Sabaudo Liner.

2 Funnels, WHITE with RED top and narrow GREEN band



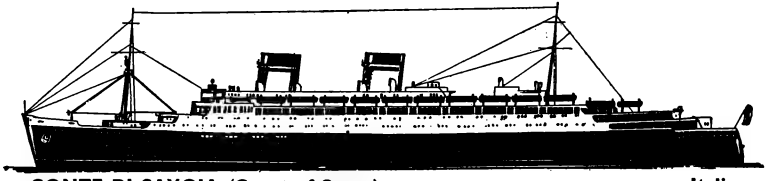
ROMA. **Italia**

Tonnage : 30,600. *Speed :* 21 knots.
Dimensions : 666×83×39. *Complement :* 1,600 passengers.
Remarks : 4 decks. To be taken in hand for re-engining, and speed will probably be increased to 25 knots by fitting of a new bow. She was previously registered at 32,600 tons.



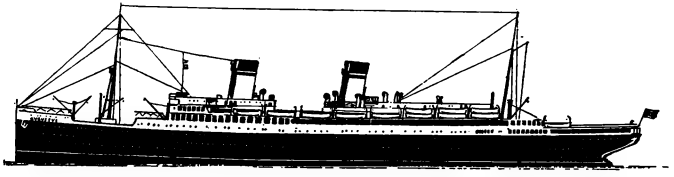
PRINCIPESSA GIOVANNA, PRINCIPESSA MARIA. **Italia**

Tonnage : 8,900. *Speed :* 13 knots.
Dimensions : 460×59×29. *Complement :* — passengers.
Remarks : Three-deckers.



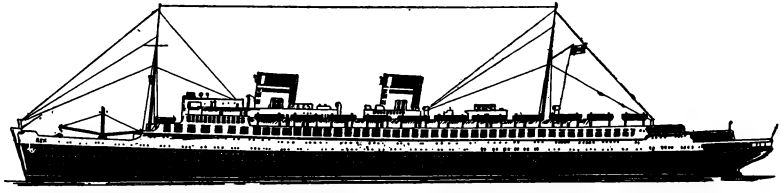
CONTE DI SAVOIA (Count of Savoy). **Italia**

Tonnage : 48,500. *Speed :* 26/28 knots.
Dimensions : 786×96×32. *Complement :* 2,060 passengers, 809 crew
Remarks : 4 decks, first large liner fitted with gyro-stabilizer. Smoke deflecting vents in fronts of funnels.



AUGUSTUS. **Italia**

Tonnage : 30,400. *Speed :* 19 knots.
Dimensions : 666×83×47. *Complement :* 1,900 passengers.
Remarks : 4 decks. She is the largest motor ship in the world.



REX. **Italia**

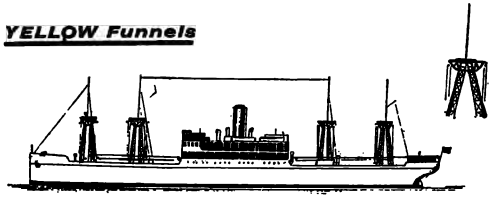
Tonnage : 51,100. *Speed :* 26/28 knots.
Dimensions : 834×97×31. *Complement :* 1,950 passengers, 810 crew
Remarks : 5 decks, gained "Blue Riband" of Atlantic for Italy by her speed of 28.92 average ; this was relinquished to French liner **Normandie** in 1935. Smoke deflecting vents in fronts of funnels. Had white painted boats until about 1937.

BLACK Funnel, ORANGE band between two narrow WHITE bands, WHITE star

GIANFRANCO (Ex Ouderkerk '34, ex Orsino, ex Gera). **Trasporti Marittimi**

Tonnage : 8,200. *Speed :* 10 knots.
Dimensions : 476×61×33. *Complement :*
Remarks : 2 decker.

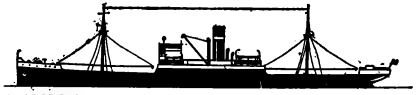
YELLOW Funnels



PIAVE (Ex Piave II, ex Piave), TIMAVO. Triestino

Tonnage : 7,600.
Dimensions : 464×57×22.
Speed : 14 knots.
Complement : 58 passengers.
Remarks : 2 deckers with shelter deck, heavy 4-strutted masts ; very similar ships, **Duchessa D'Aosta** and **Rosandra.** All transferred from Libera Triestina in 1933

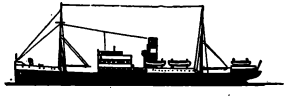
BLACK Funnel, WHITE and RED band



ERMINIA MAZZELLA (Ex Mazic '38, ex Patrician '38, ex Saint Jerome). Mazzella

Tonnage : 5,600.
Dimensions : 422×56×29.
Speed : 10 knots.
Complement :
Remarks : 2 decker.

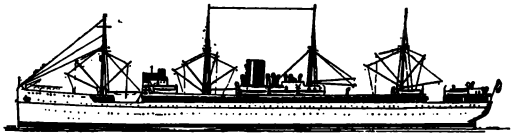
BLACK Funnel, 2 narrow BLUE and 1 broad WHITE Band



FRANCA FASSIO (Ex Thule). Villain & Fassio

Tonnage : 1,900.
Dimensions : 285×37×23.
Speed : 15 knots.
Complement : — passengers.
Remarks : Single decker with spar deck. Originally in fleet of Svenska Lloyd.

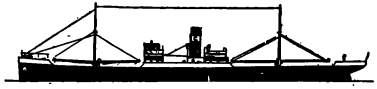
SINGLE FUNNELS



CALIFORNIA (Ex Albania). Triestino

Tonnage : 13,000.
Dimensions : 523×64×44.
Speed : 13 knots.
Complement : 160 passengers.
Remarks : 2 decks with shelter deck : first ship built for Cunard company after the War and originally named **Albania.** Served as hospital ship during Abyssinian war. Transferred from Libera Triestina Co. in 1937.

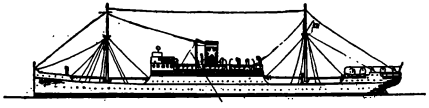
BLACK Funnel, WHITE band, RED "C"



BUCCARI (Ex Lawbeath '33), VALENTINO CODA (Ex Bellailsa '34). Corrado

Tonnage : 4,500.
Dimensions : 385×52×27.
Speed : 10 knots.
Complement :
Remarks : 2 deckers. Purchased from T. L. Duff and Bell Bros.

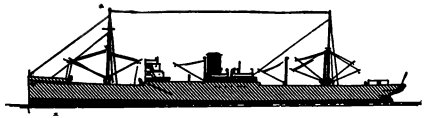
BLACK Funnel, WHITE band WHITE star



TEMBIEN (Ex Mouni '36, ex Milluna '33, ex Franziska, ex Mabel, ex Mabel Rickmers). Messina

Tonnage : 5,600.
Dimensions : 417×53×28.
Speed : 11 knots.
Complement : — passengers.
Remarks : 2 decker.

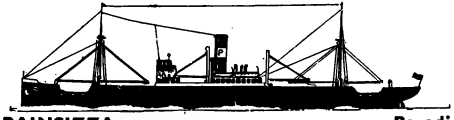
BLACK Funnel



HILDA. Lussino

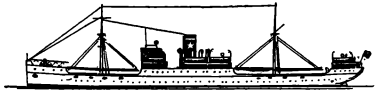
Tonnage : 4,900.
Dimensions : 404×54×31.
Speed : 13 knots.
Complement : No passengers.
Remarks : Single decker with shelter deck.

BLACK Funnel, WHITE band, RED "P"



BAINSIZZA. Parodi

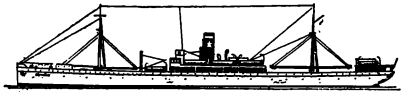
Tonnage : 7,900.
Dimensions : 447×58×29.
Speed :
Complement : No passengers.
Remarks : Single deck collier.



OGADEN (Ex Naxos '36 ex Saxon Prince, ex-Glenaffric). Messina

Tonnage : 4,600.
Dimensions : 377×50×27.
Speed :
Complement : — passengers.
Remarks : 2 decker.

BLACK Funnel, WHITE band, WHITE star



SEMIEN (Ex Fortunstar '36, ex Tuscanstar, ex Brodliffe, ex Morayshire). Messina

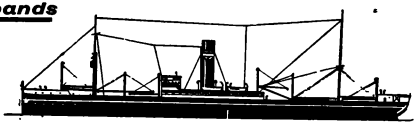
Tonnage : 6,900.
Dimensions : 420×54×29.
Speed :
Complement : — passengers.
Remarks : 2 decker. Registered until 1938 at 5,500 tons.

BLACK Funnel, broad RED band between narrow WHITE, WHITE "S.A." on RED

FANNY BRUNNER, GIOVINEZZA, SILVIA TRIPCOVICH **Tripcovich**

Tonnage : 2,500.
Dimensions : 303×42×20.
Speed : 11 knots.
Complement : No passengers.
Remarks : 2 decks.

BLACK Funnel, RED, WHITE and GREEN bands



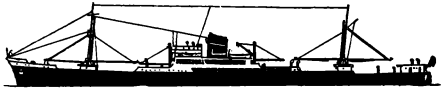
ASMARA (Ex Nasina '35, ex Meissonier '33) **Garibaldi (Italian Navy)**

Tonnage : 7,200.
Dimensions : 440×56×37.
Speed : 13 knots.
Complement :
Remarks : 3 decker. Built for Lamport & Holt, she afterwards went into service with the Royal Mail S.P.

BLACK Funnel, RED, WHITE and GREEN bands

ADAMELLO, MONTE SANTO. **Garibaldi**

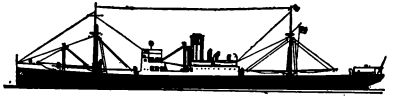
Tonnage : 5,800.
Dimensions : 400×53×33.
Speed : 10 knots.
Complement :
Remarks : Single deckers with shelter deck.



Building (2 ships). **Garibaldi**

Tonnage :
Dimensions : 472×61×—.
Speed : 16 knots.
Complement : 12 passengers.
Remarks :

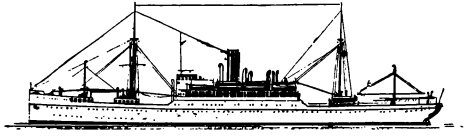
BLUE Funnel, BLACK top



MONGIOIA (Ex Terni, ex Crispi). **Alta Italia**

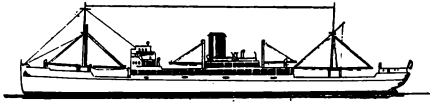
Tonnage : 6,100.
Dimensions : 392×52×35.
Speed :
Complement : No passengers.
Remarks : Single decker with awning deck.

YELLOW Funnel



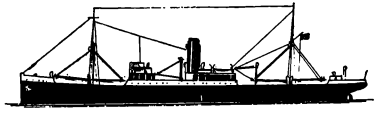
SICILIA (Ex Coblenz), TOSCANA (Ex Saarbrücken). **Triestino**

Tonnage : 9,600.
Dimensions : 459×58×31.
Speed : 11 knots.
Complement : 2,000 passengers.
Remarks : 3 decks, corrugated sides, purchased from Norddeutscher Lloyd for use as transports. Ran for a time in Italia fleet.



CORTELAZZO, VOLPI. **Triestino**

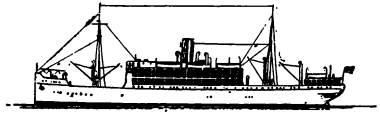
Tonnage : 5,300.
Dimensions : 423×56×24.
Speed : 14½ knots.
Complement : 12 passengers.
Remarks : Single-deckers with shelter deck. Formerly in fleet of Veneziana Co. Have two sister ships, **Barbarigo** and **Birmania,** in fleet of Italia Co.



EDDA, ISONZO, PERLA, SABBIA, SAVOIA, TAGLIAMENTO. **Triestino**

Tonnage : 5,700.
Dimensions : 391×54×29.
Speed : 12 knots.
Complement : 44 passengers.
Remarks : Single-deckers with shelter-deck. Originally in fleet of Libera Triestina and have sister ships in Italia Company. **Anfora, Carnia** and **Sistiana** are similar in appearance.

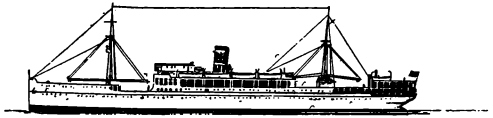
YELLOW Funnel



ADRIA (Ex Pilsna, ex Adria, ex Ferencz Ferdinand). **Lloyd Triestino**

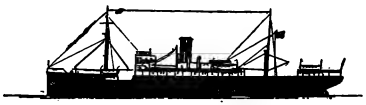
Tonnage : 3,700.
Dimensions : 335×46×23.
Speed : 15 knots.
Complement : 100 passengers.
Remarks : 2 decker. Refitted 1936. Sister ship **Carnaro** was wrecked in 1938. Carried 280 passengers until last re-fit.

YELLOW Funnel, narrow BLACK top, narrow RED and WHITE bands, BRONZE lion



GALILEA (Ex Pilsna), **GERUSALEMME** (Ex Cracovia). **Adriatica**

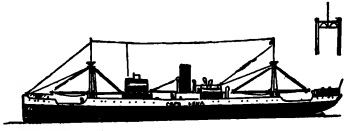
Tonnage : 8,000. *Speed* : 13½ knots.
Dimensions : 433×51×25.
Complement : 440 passengers.
Remarks : 2 decks with shelter deck. Very similar ship **Palestina (Ex Amazzonia, ex Aquileia, ex Innsbruck)**, which has brown boats. Transferred from Lloyd Triestino in 1937. Very similar ship, **Urania**, is still in that Company's service.



CITTÀ DI BARI (Ex Egeo), **EGEO, EGITTO, RODI.** **Adriatica** (Mediterranean)

Tonnage : 3,200.
Dimensions : 317×45×21.
Speed : 14 knots.
Complement : 150/180 passengers.
Remarks : 2 decks.

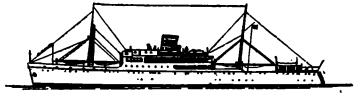
YELLOW Funnel, BLUE band



CAPO LENA (Ex Astrolabe '35, ex Saint Augustin, ex Avristan, ex Saint Rene,) **CAPO OLMO** (Ex Recherche '35, ex Saint Roch, ex Bardistan). **Genovese**

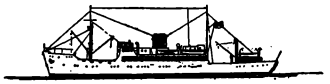
Tonnage : 4,800.
Dimensions : 352×53×27.
Speed :
Complement : — passengers.
Remarks : 2 deckers.

YELLOW Funnel, narrow BLACK top, narrow RED and WHITE bands, BRONZE lion



CALITEA (brown boats). **Adriatica**

Tonnage : 4,000.
Dimensions : 334×50×32.
Speed : 15 knots.
Complement : 150 passengers.
Remarks : 2 decks. Built for the Lloyd Triestino and transferred in 1937.



ADRIATICO, BARLETTA, BRINDISI, BRIONI MONTE GARGANO, ZARA. **Adriatica** (Adriatic)

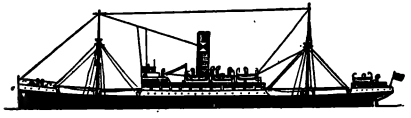
Tonnage : 2,000.
Dimensions : 267×40×21.
Speed : 14 knots.
Complement : 72 passengers.
Remarks : 2 decks.

YELLOW Funnel, BLUE band, BLACK top

RIV (Ex Montgomeryshire). **Commerciale**

Tonnage : 6,000.
Dimensions : 412×56×35.
Speed :
Complement :
Remarks : Single decker with shelter deck. Built for R.M.S.P. and one of the first large British motor ships.

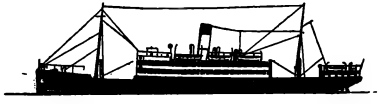
YELLOW Funnel, BLACK top, BLUE and WHITE device



SAN GIOVANNI BATTISTA (Ex Ingoma '37). **Ligure**

Tonnage : 5,600.
Dimensions : 401×52×29.
Speed : 14 knots.
Complement : 100 passengers, 120 crew.
Remarks : 2 decker. Originally in fleet of T. & J. Harrison.

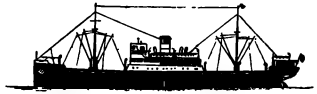
WHITE Funnel, BLACK top, narrow BLACK band



AVENTINO (Ex Baron Beck). **Tirrenia**

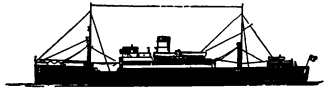
Tonnage : 3,800.
Dimensions : 368×44×23.
Speed : 12 knots.
Complement : — passengers.
Remarks : Single decker.

WHITE Funnel, BLACK top, narrow BLACK band



CATALANI, DONIZETTI, PAGANINI, PUCCINI, ROSSINI, VERDI. **Tirrenia**

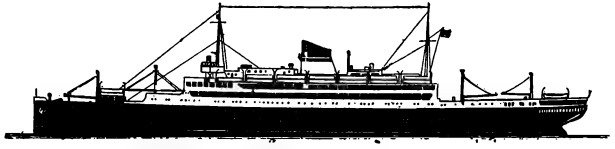
Tonnage : 2,400. *Speed :* 12/13½ knots.
Dimensions : 281×40×21. *Complement :* 60 passengers, 36 crew.
Remarks : 2 deckers. Transferred from "Adria" Co. in 1937.



CITTÀ DI AGRIGENTO, CITTÀ DI ALESSANDRIA, CITTÀ DI BASTIA, CITTÀ DI LIVORNO, CITTÀ DI MARSALA, CITTÀ DI SAVONA, CITTÀ DI TRAPANI. **Tirrenia**

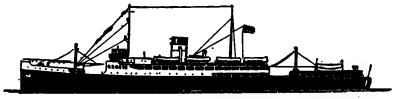
Tonnage : 2,500. *Speed :* 11/12 knots.
Dimensions : 305×40×19. *Complement :* 111 passengers.
Remarks :

WHITE Funnel, RED top, narrow GREEN band, extreme top BLACK



SATURNIA, VULCANIA (white masts). **Italia**

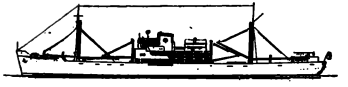
Tonnage : 23,900. *Speed :* 20·5 (23·3 *max.*) knots.
Dimensions : 601×80×30. *Complement :* 1,300 passengers.
Remarks : 4 decks, rebuilt and re-engined in 1936, speed increased by 3 knots, and slightly altered in appearance. Built as Cosulich Ships.



CITTÀ DI GENOVA, CITTÀ DI NAPOLI, CITTÀ DI PALERMO, CITTÀ DI TUNISI. **Tirreni**

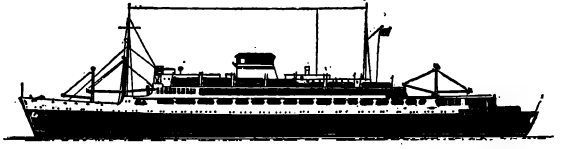
Tonnage : 5,400. *Speed :* 18/19 knots.
Dimensions : 412×51×22. *Complement :* 565 passengers.
Remarks : 3 decks. **Citta di Tunisi** was re-conditioned in 1937, and on her trials reached 19 knots.

WHITE Funnel, BLUE top



RAMB I, RAMB II, RAMB III, RAMB IV. **R.A.M.B.**

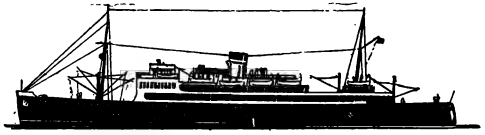
Tonnage : 3,500. *Speed :* 17 knots.
Dimensions : 354/363×48/50×28/24. *Complement :* Few passengers.
Remarks : Two-deckers.



NEPTUNIA, OCEANIA (white masts and brown boats). **Italia**

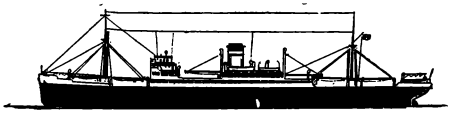
Tonnage : 19,500. *Speed :* 19½ knots.
Dimensions : 556×77×46. *Complement :* 1,500 passengers.
Remarks : 3 decks. Built for the Cosulich Co. before the merger of Italian lines.

WHITE Funnel, RED top, narrow GREEN band, extreme top BLACK



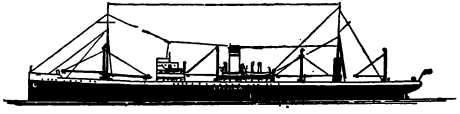
VIRGILIO. **Italia**

Tonnage : 11,700. *Speed :* 15 knots.
Dimensions : 483×62×41. *Complement :* 640 passengers, 350 crew.
Remarks : 3 decks and shade deck. Sister ship **Orazio** burnt out off Barcelona in January, 1940.



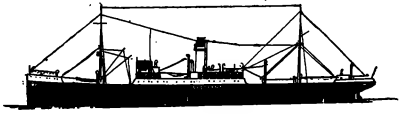
BARBARIGO, BIRMANIA **Italia**

Tonnage : 5,300. *Speed :* 14½ knots.
Dimensions : 423×56×24. *Complement :* 12 passengers.
Remarks : Single-deckers with shelter deck. Formerly in Veneziana fleet and have sisters, **Cortelazzo** and **Volpi,** in Triestino Line.



CELLINA, FELLA, RIALTO **Italia**

Tonnage : 6,100. *Speed :* 14 knots.
Dimensions : 431×55×28. *Complement :* 43 passengers.
Remarks : 2 deckers with shelter-deck. Re-engined in 1937 and speed increased by 2 knots. Transferred from Libera Triestina in 1937.

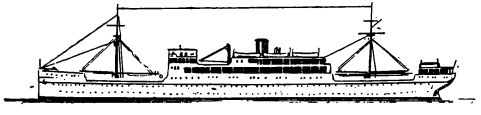


ISARCO, LIVENZA. **Italia**

Tonnage : 5,700. *Speed :* 13 knots.
Dimensions : 391×54×29. *Complement :* 30 passengers.
Remarks : Single-deckers with shelter-deck. Formerly in fleet of Libera Triestina and have sisters in Lloyd Triestino Company.

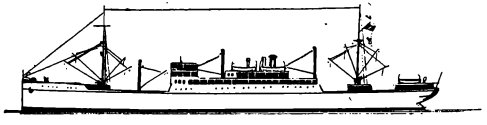
VERY SMALL FUNNELS

YELLOW Funnel



REMO, ROMOLO. **Triestino**

Tonnage : 9,800. *Speed :* 14 knots.
Dimensions : 507×62×32. *Complement :* 400 passengers.
Remarks : 2 decks. Transferred from Italia in 1937.

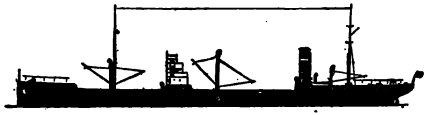


ESQUILINO, VIMINALE. **Triestino**

Tonnage : 8,700. *Speed :* 13 knots.
Dimensions : 450×57×32. *Complement :* 360 passengers.
Remarks : Single deckers with shelter deck. Transferred from Italia in 1937.

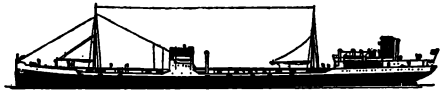
ENGINES AFT

BLACK Funnels, RED, WHITE and GREEN bands



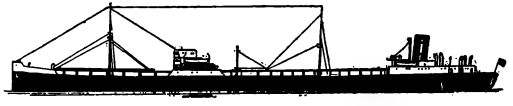
BARBANA G. (Ex Barbana, ex Teodo), **FIANONA** (Ex Pola). **Garibaldi**
Tonnage : 6,600. *Speed* : 10 knots.
Dimensions : 450×56×34. *Complement* :
Remarks : Single deckers, originally units of the Royal Italian Navy.

BLUE Funnel, BLACK top, narrow WHITE band



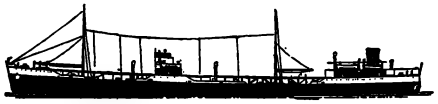
BONZO. **Zanchi**
Tonnage : 8,200
Dimensions : 467×60×35.
Remarks : Two decker, carrying petroleum in bulk.

YELLOW Funnel, BLACK top



R. L. HAGUE. **La Columbia**
Tonnage : 12,200. *Speed* : 12½ knots.
Dimensions : 522×70×39. *Complement* : No passengers.
Remarks : Single decker ; carrying petroleum in bulk ; electrically welded rudder.

BLUE Funnel, BLACK top, WHITE star



FEDE, LAVORO. **Lauro**
Tonnage : 7,900.
Dimensions : 465×59×34.
Remarks : Tankers, carrying petroleum in bulk.

RED Funnel, BLACK top, WHITE "C"

GRAZIA (Ex Valcerusa '35). **Gavarone**
Tonnage : 5,900.
Dimensions : 394×52×28.
Remarks : Single decker.

YELLOW Funnel, BLACK top, BLUE and WHITE device

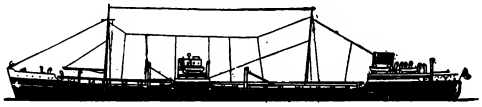
ANTEO. **Ligure**
Tonnage : 6,800.
Dimensions : 432×57×33.
Remarks : 2 deck tanker, carrying petroleum in bulk.

ENGINES AFT

WHITE Funnel, BLACK top, RED, WHITE and GREEN bands and circle on BLACK top

RAPALLO, RECCO. **A.G.I.P.**

Tonnage : 5,800. *Speed :* 11 knots.
Dimensions : 379 × 52 × 27. *Complement :*
Remarks : Single deck tankers, carrying petroleum in bulk.



FRANCO MARTELLI, IRIDIO MANTOVANI. **A.G.I.P.**

Tonnage : 10,000. *Speed :* 13 knots.
Dimensions : 500 × 69 × 37. *Complement :*
Remarks : Single deckers, carrying petroleum in bulk.

THE ITALIAN AIR FORCE

(REGIA AERONAUTICA)

1

2

1.—Usually on both surfaces of wings and on fuselage (yellow on grey).

2.—Usual tail markings (green, white and red stripes with crest).

FRONT COVER

Bombers

1.—CAPRONI CA. 135.

Type : Bomber monoplane (Mid-wing).
Dimensions : Span, 62 ft. ; Length, 45 ft. ; Height 11¼ ft. ; Wing area, 645 sq. ft.
Engines : Two 900 h.p. Isotta-Fraschini engines.
Performance : Maximum speed, 270 m.p.h. ; Ceiling, 22,960 ft. ; Range, 2,000 miles.
Armament : Four machine guns and bombs in wings.
Complement : 5 crew.
Remarks : Three-bladed airscrews. Twin fins and rudders. Gun positions in nose, behind pilot's compartment and beneath fuselage, aft of wings. Retractable undercarriage.

2.—CANT Z 1011.

Type : Bomber monoplane.
Dimensions : Span, 82 ft. ; Length, 57¾ ft. Height, Wing area, 860 sq. ft.
Engines : Two 840 h.p. Isotta-Fraschini engines.
Performance : Maximum speed, 230 m.p.h. ; Ceiling, 26,240 ft. ; Range, 1,240 miles.
Armament : 4 machine-guns in mountings aft of wings, above and below fuselage and bomb position in the nose.
Complement : 5 crew.
Remarks : Twin rudders. Retractable undercarriage.

Bombers—*Contd.*

3.—FIAT B.R. 20.

Type : Low-wing bomber monoplane.
Dimensions : Span, 70¾ ft. ; Length, 53 ft. ; Height, 14½ ft. ; Wing area, 795 sq. ft.
Engines : Two 1,000 h.p. Fiat engines.
Performance : Maximum speed, 270 m.p.h. ; Ceiling, 29,520 ft. ; Range, 1,875 miles.
Armament : 3 machine guns above and below fuselage. Bombing position in nose.
Complement : 4 crew.
Remarks : Twin fins and rudders.

Fighter-Bomber

4.—BREDA 88.

Type : Light bomber high-wing monoplane.
Dimensions : Span, 51 ft. ; Length, 38 ft. ; Height, Wing area,
Engines : Two 1,000 h.p. Piaggio engines.
Performance : Maximum speed, 320 m.p.h. ; Ceiling, 27,880 ft. ; Range, 1,120 miles.
Armament : 2 cannons, machine gun, and 2,200 lb. of bombs.
Complement : 2 crew.
Remarks : Observer-gunner position above fuselage aft of wings.

Fighters

5.—MACCHI C. 200.

Type : Fighter low-wing monoplane.
Dimensions : Span, 34¾ ft. ; Length, 26¾ ft. ; Height, 11½ ft. ; Wing area, 181 sq. ft.
Engines : One 840 h.p. Fiat engine.
Performance : Maximum speed, 315 m.p.h. ; Ceiling, 24,100 ft. ; Range, 435 miles.
Armament : 2 machine guns firing through the airscrew.
Complement : Single seat.
Remarks :

6.—MERIDIONALI RO. 51.

Type : Fighter low-wing monoplane.
Dimensions : Span, 32½ ft. ; Length, 24½ ft. ; Height, 9 ft. ; Wing area,
Engines : One 840 h.p. Fiat engine.
Performance : Maximum speed, 305 m.p.h. ; Ceiling, Range,
Armament : 2 maching-guns firing through the airscrew.
Complement : One seat.
Remarks :

AEROPLANES OF THE ITALIAN AIR FORCE

FOR ILLUSTRATIONS SEE INSIDE COVERS

FRONT COVER—*contd.*

Fighters—*contd.*

7.—A.U.T. 18 (Umbra).
Type : Fighter monoplane.
Dimensions : Span, 38 ft. ; Length, 28¾ ft. ; Height, 9½ ft. ; Wing area, 204 sq. ft.
Engines : One 1,000 h.p. Fiat engine.
Performance: Maximum speed, Ceiling, Range, no particulars available.
Armament : 2 machine-guns in fuselage.
Complement : Single seat.
Remarks : Notably large tail unit, with fin built integral with the fuselage. Largely constructed of duralumin. Retractable undercarriage. Three-bladed airscrew.

8.—REGGIANE Re. 2000.
Type : Fighter monoplane.
Dimensions : Span, 36½ ft. ; Length, 25¾ ft. ; Height, Wing area, 210 sq. ft.
Engines : One 1,000 h.p. Fiat engine.
Performance : Maximum speed, 350 m.p.h. (approx.) ; Ceiling, 37,000 ft. ; Range,
Armament : 2 machine-guns.
Complement : Single seat.
Remarks : One of Italy's latest fighters.

BACK COVER

9.—CAPRONI VIZZOLA S.A.F.5.
Type : Fighter monoplane.
Dimensions : Span, 37 ft. ; Length, 25½ ft. ; Height, 10 ft. ; Wing area, 187 sq. ft.
Engines : One 840 h.p. Fiat engine.
Performance : Maximum speed, Ceiling, 31,000 ft. ; Range, 375–625 miles.
Armament :
Complement : Single-seat.
Remarks : Similar in outward appearance, except for the shape of the fin and rudder, to the **Reggiane Re. 2000.**

General Purposes

10.—CAPRONI GHIBLI.
Type : General purposes military low-wing monoplane.
Dimensions : Span, 53½ ft. ; Length, 42 ft. ; Height, 10 ft. ; Wing area, 413 sq. ft.
Engines : Two 200 h.p. Alfa-Romeo engines.
Performance : Maximum speed, 160 m.p.h. ; Ceiling, 14,760 ft. ; Range, 962 miles.
Armament : Bombing position in nose.
Complement : 3 crew.
Remarks :

Seaplanes

11.—CANT Z. 506 B.
Type : Bomber seaplane (low-wing).
Dimensions : Span, 87 ft. ; Length, 62 ft. ; Height, 22 ft. ; Wing area, 914 sq. ft.
Engines : Three 750 h.p. Alfa-Romeo engines.
Performance: Maximum speed, 242 m.p.h. ; Ceiling, Range,
Armament : Bombing position in fuselage below wings. Another is located above the fuselage.
Complement : 3 crew.
Remarks : Fuselage tapers to a point behind tail-plane which is mounted on the fin and clear of the fuselage.

12.—CAPRONI CA. 312.
Type : Fighter-bomber reconnaissance seaplane or landplane monoplane.
Dimensions : Span, 54 ft. ; Length, 40½ ft.; Height, 10¾ ft. ; Wing area, 416 sq. ft.
Engines : Two 630 h.p. Piaggio or two 650 h.p. Isotta-Fraschini engines.
Performance : Maximum speed, 281 m.p.h. (Isotta-Fraschini engines) ; Ceiling, 27,200 ft. ; Range, 940 miles.
Armament : Bomb position in nose.
Complement : 2–3 crew.
Remarks : Twin floats. Single fin and rudder. Similar to the **Caproni CA 311,** which has a completely transparent nose.

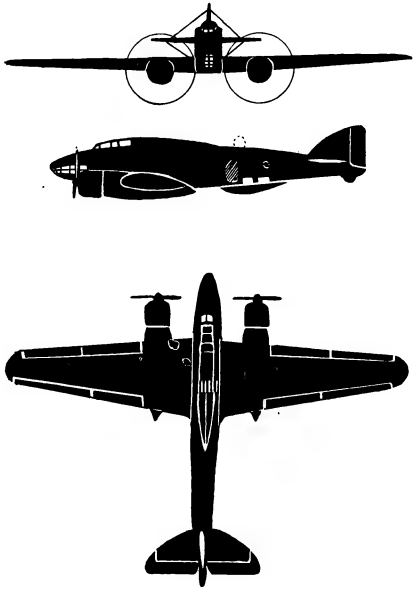
Seaplanes—*contd.*

13.—MERIDIONALI RO. 43.
Type : Reconnaissance catapult seaplane.
Dimensions : Span, 38 ft. ; Length, 31¾ ft. ; Height, 11½ ft. ; Wing area, 359 sq. ft.
Engines : One 700 h.p. Piaggio engine.
Performance: Maximum speed, 196 m.p.h. ; Ceiling, Range,
Armament : 2 machine-guns firing through the airscrew and one mounted on back cockpit.
Complement : 2 seats.
Remarks : Identical to the **Ro. 44,** except that it has 2 cockpits instead of one.

14.—MERIDIONALI RO. 44.
Type : Shipboard fighter biplane for catapult launching.
Dimensions : Span, 38 ft. ; Length, 32 ft. ; Height, 11½ ft. ; Wing area, 359 sq. ft.
Engines : One 390 h.p. Piaggio engine.
Performance : Maximum speed, 185 m.p.h. ; Ceiling, Range, 300 miles.
Armament : Two machine-guns firing through airscrew.
Complement : One seat.
Remarks : Identical to the **Ro. 43,** except for elimination of second cockpit. Large wheel spats.

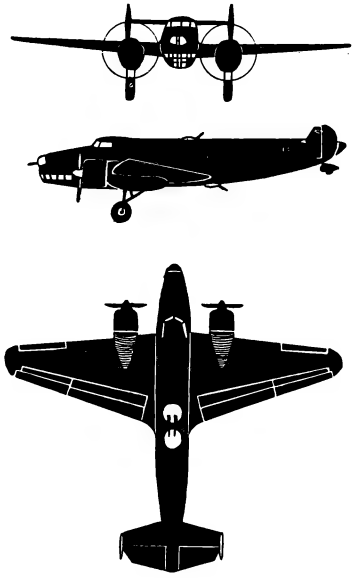
Reconnaissance

15.—CAPRONI CA. 134.
Type : Reconnaissance biplane.
Dimensions : Span, 31½ ft. ; Length, 31 ft. ; Height, 10¾ ft. ; Wing area,
Engines : One 900 h.p. Isotta-Fraschini engine.
Performance : Maximum speed, 242 m.p.h. ; Ceiling, 26,240 ft. ; Range,
Armament : Gunner in second cockpit.
Complement : 2 seats.
Remarks : Large undercarriage enclosed in streamlined spats. Non-retractable. Twin fins and rudders.



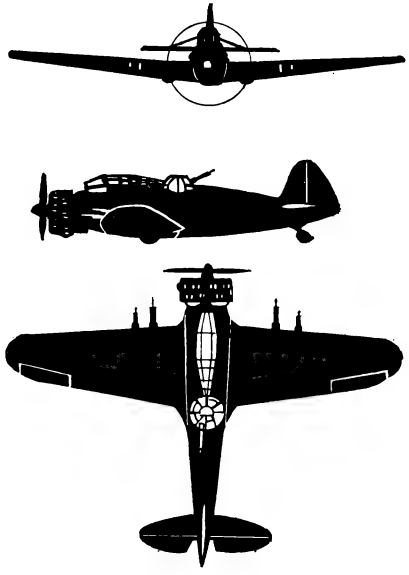
SAVOIA-MARCHETTI S. 79B.

Type : Bomber-reconnaissance low-wing monoplane.
Dimensions : Span, 69½ ft. ; Length, 54½ ft. ; Height, 13½ ft. ; Wing area, 656 sq. ft.
Engines : Two 750 h.p. Alfa-Romeo engines.
Performance : Maximum speed, 281 m.p.h. ; Ceiling, 23,000 ft. ; Range,
Armament : 3–4 machine-guns firing fore and aft, above and below and bombs.
Complement : Crew of 4.
Remarks :



PIAGGIO P. 32.

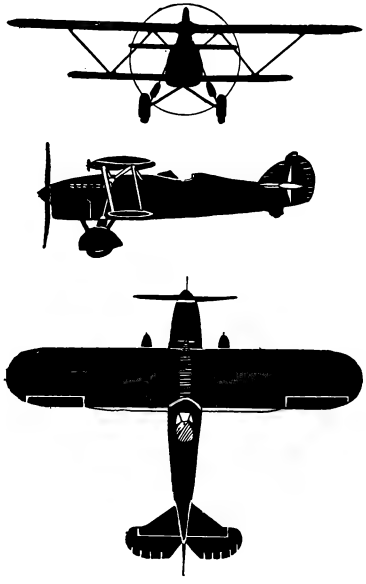
Type : Bomber low-wing monoplane.
Dimensions : Span, 59 ft. ; Length, 52½ ft. ; Height, 17 ft. ; Wing area, 634 sq. ft.
Engines : Two 1,020 h.p. Piaggio engines.
Performance : Maximum speed, 266 m.p.h. ; Ceiling, 26,230 ft. ; Range, 1,875 miles. (Max.)
Armament : 5 machine-guns and internal bomb stowage of 3,520 lbs.
Complement : 3 crew.
Remarks : Twin fins and rudders. Retractable undercarriage.



BREDA 65.

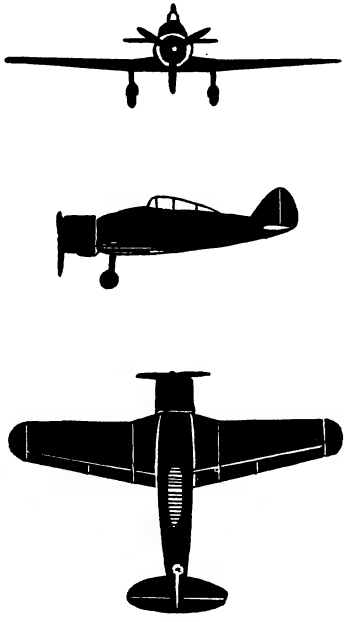
Type : Fighter-bomber low-wing monoplane.
Dimensions : Span, 40 ft. ; Length, 31½ ft. ; Height, 10½ ft. ; Wing area, 250 sq. ft.
Engines : One 1,000 h.p. Fiat engine.
Performance .Maximum speed, 256 m.p.h. ; Ceiling, 23,000 ft. ; Range, 875 miles.
Armament : 4 machine-guns in wings and 1 in observer's turret. Carries 4 heavy or 12 medium or 160 light bombs.
Complement : 2 seats.
Remarks : Retractable undercarriage. Very similar to the **Breda 64.**

Fighters



FIAT C.R. 32.

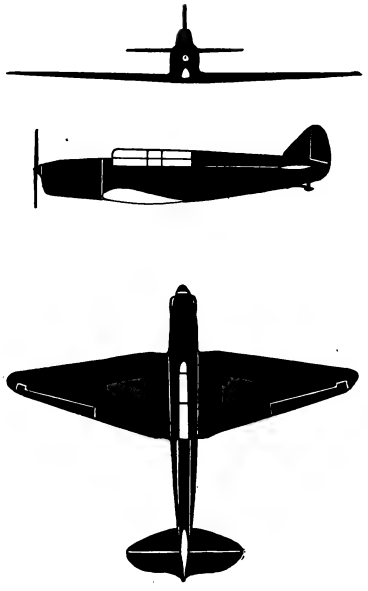
Type : Fighter biplane.
Dimensions : Span, 31 ft. ; Length, 24½ ft. ; Height, 9 ft. ; Wing area, 238 sq. ft.
Engines : One 500 h.p. Fiat engine.
Performance : Maximum speed, 235 m.p.h. ; Ceiling, 26,240 ft. ; Range, 450 miles.
Armament : 2 machine-guns firing through the airscrew.
Complement : Single-seat.
Remarks : An old type but still used as it was successful in Spain. Very manoeuvrable. Similar to the **Fiat C.R. 30,** which is an inferior type.



FIAT G. 50.

Type : Fighter low-wing monoplane.
Dimensions : Span, 35½ ft. ; Length, 25¾ ft. ; Height, 9¾ ft. ; Wing area, 197 sq. ft.
Engines : One 850 h.p. Fiat engine.
Performance : Maximum speed, 300 m.p.h. ; Ceiling, 35,430 ft. ; Range, 435 miles.
Armament : 4 fixed machine-guns in wings and firing through the airscrew. A number of small bombs.
Complement : Single-seat.
Remarks :

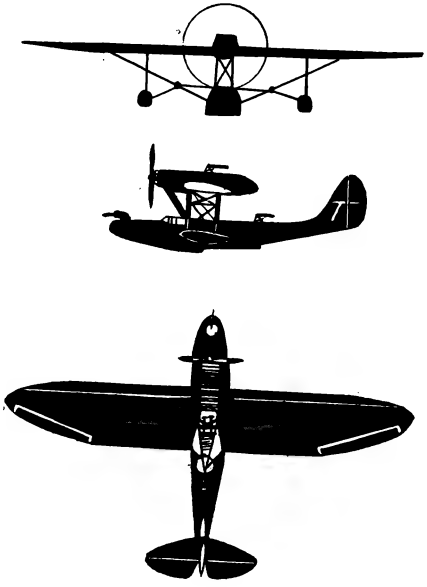
General Purposes



NARDI F.N. 315.

Type : General purposes military low-wing monoplane.
Dimensions : Span, 27¾ ft. ; Length, 23 ft. ; Height, 7 ft. ; Wing area, 129 sq. ft.
Engines : One 260 h.p. Hirth engine.
Performance : Maximum speed, 240 m.p.h. ; Ceiling, Range, 600 miles.
Armament : 2 machine-guns.
Complement : 2.
Remarks : Very similar to the **F.N. 305** and **F.N. 310.** The former is used as a trainer and the latter as an ordinary cabin machine which can be used as an ambulance.

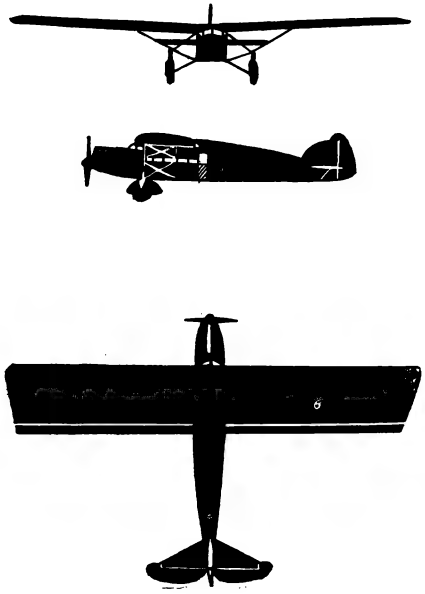
Flying-Boats



CANT Z. 501.

Type : Bomber-reconnaissance monoplane flying-boat.
Dimensions : Span, 74 ft. ; Length, 47 ft. ; Height, 14½ ft. ; Wing area, 666 sq. ft,
Engines : One 840 h.p. Isotta-Fraschini engine.;
Performance : Maximum speed, 170 m.p.h. Range, 1,560 miles (*max.*).
Armament : 4 machine-guns in nose, in engine nacelle positions and in rear cockpit. Carries 1,100 lbs. of bombs.
Complement : 4 crew.
Remarks : Engine mounted on wing.

Reconnaissance

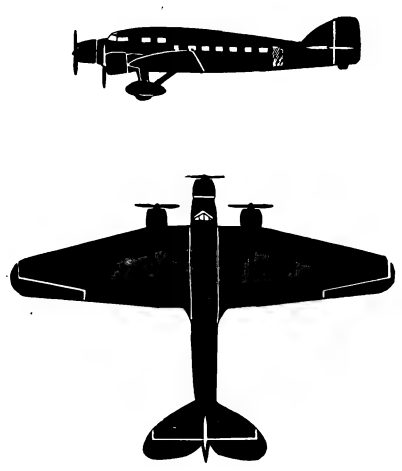


CAPRONI CA. 111.

Type : Reconnaissance high-wing monoplane. (Landplane or seaplane.)
Dimensions : Span, 75⅔ ft. ; Length, 50⅛ ft. ; Height, 12¾ ft. ; Wing area, 914 sq. ft.
Engines : One 750 h.p. Isotta-Fraschini engine.
Performance : Maximum speed, 180 m.p.h. ; Ceiling, 21,300 ft. ; Range, 620 miles.
Armament :
Complement :
Remarks : May be used for troop transport, reconnaissance or bombing.

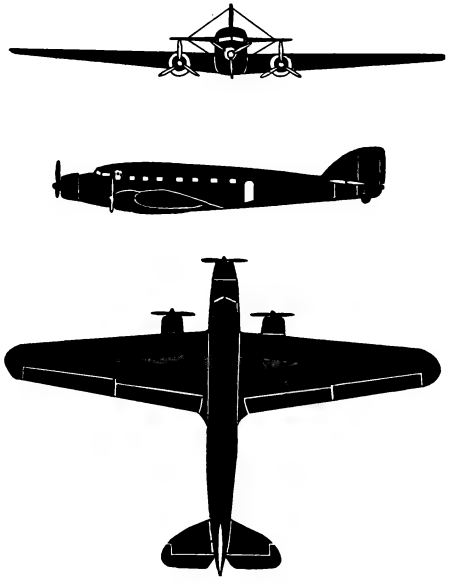
Troop-Carriers

3 ENGINES



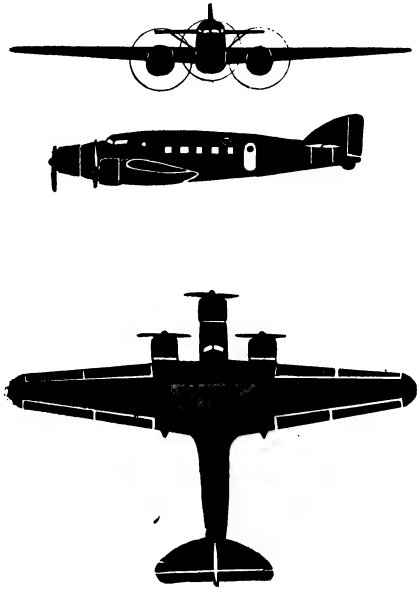
SAVOIA-MARCHETTI S. 73.

Type : Commercial low-wing monoplane suitable for troop transport.
Dimensions : Span, 79 ft. ; Length, 57⅛ ft. ; Height, 15½ ft. ; Wing area, 1,000 ft.
Engines : Three 750 h.p. Alfa-Romeo engines.
Performance : Maximum speed, 200 m.p.h. ; Ceiling, 20,000 ft. ; Range, 625–1,250 miles.
Armament :
Complement : Normally carries 18 passengers and 4 crew.
Remarks : Similar to the **Savoia-Marchetti S. 83.**



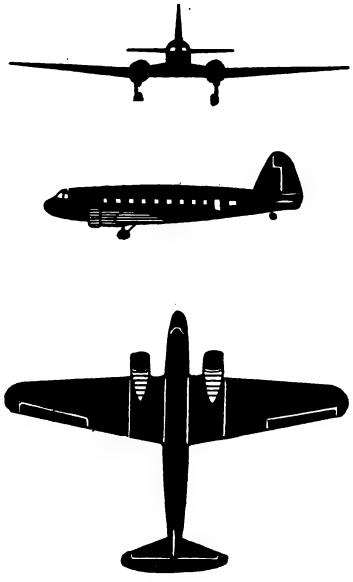
SAVOIA-MARCHETTI S. 75.

Type : Commercial low-wing monoplane which may be used for troop transport.
Dimensions : Span 97½ ft. ; Length, 71 ft. ; Height, 17 ft. ; Wing area, 1,269 sq. ft.
Engines : Three 750 h.p. Alfa-Romeo engines.
Performance : Maximum speed, 230 m.p.h. ; Ceiling, 25,570 ft. ; Range, 875 miles.
Complement : Normally carries 18–24 passengers with a crew of 3.
Remarks : Similar to the **Savoia-Marchetti S. 73.**



SAVOIA-MARCHETTI S. 83.

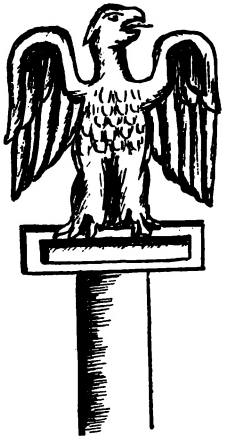
Type : Mail and passenger low-wing monoplane liable to be used as a transport or bomber.
Dimensions : Span, 69⅜ ft. ; Length, 53½ ft. ; Height, 13¼ ft. ; Wing area, 656 sq. ft.
Engines : Three 750 h.p. Alfa-Romeo engines.
Performance : Maximum speed, 276 m.p.h. ; Ceiling, 27,600 ft. ; Range, 930 miles.
Complement : Normally carries 10 passengers and 4 crew.
Remarks :



FIAT G. 18.

Type : Commercial low-wing monoplane, suitable for troop transport.
Dimensions : Span, 82 ft. ; Length, 62 ft. ; Height, 16½ ft. ; Wing area, 950 sq. ft.
Engines : Two 1,000 h.p. Fiat engines.
Performance : Maximum speed, 250 m.p.h. ; Ceiling, 28,680 ft. ; Range, 930 miles.
Armament :
Complement : Normally carries 18 passengers and 3 crew.
Remarks :

THE ITALIAN ARMY



Some years ago Mussolini proudly boasted of his Imperial Legions and sought to terrify the world with his cry of a "forest of 8,000,000 bayonets."

All the world knows that Italians do not make the finest fighting men and the dream of the Dictator in reviving the ancient glories of Imperial Rome has not been able to infuse into the modern Army anything of the spirit which bore her arms to victory.

It would be fatal however to underestimate an enemy and it cannot be denied that totalitarian discipline and above all, organization and efficiency, may have brought about changes since the termination of the last Great War.

In peace time the regular Army numbered about 525,000 of all ranks although for some time prior to her entry into the present conflict she had some 1,500,000 men under arms.

There is compulsory military service in Italy, recruits joining the Colours at the age of 21 and serving for 18 months. All men are liable for service up to the age of 55.

It may be of interest in passing to remember that in the last war 15 per cent of the male population were mobilized, giving a total of 5,250,000. Of this number 650,000 were killed or reported missing.

In addition to the regular force there is the Fascist Militia to be taken into account. It is not easy to find an analogy in this country but it might be roughly said to correspond to the British Territorial Army or to the Nazi Stormtroopers of Germany as distinct from the Reichswehr or regular German Army.

The junior branch of this force is the Balilla in which young boys are taught military duties and the use of fire-arms and from which they pass into the Militia.

Over and above these come the native troops or Askaris the number of which is not definite and it is not believed that these make such fine troops as natives serving under British rule. They are not too well trained nor equipped and do not take kindly as a rule to being led by Italian officers.

In ordinary times strong garrisons of white and native troops are maintained in Libya, Italian Somaliland and Abyssinia.

The Army was nominally grouped into 31 divisions of infantry made up of 114 regiments including Alpine troops and the famous Bersaglieri. The latter form the finest fighting troops of all and correspond approximately to our Riflemen and it was with one of these regiments incidentally that the Duce served during the last war.

There were 12 cavalry regiments some of which were mechanized and here again it must be admitted that the Italian cavalrymen are among the finest in the world as regards horsemanship.

Artillery consisted of 85 Regiments divided up into Heavy, Field, Medium and Anti-Aircraft batteries.

Mechanization is not believed to have made such strides as in the army at the other end of the Axis, principally because Italy's manufacturing sources and finances were not equal to it. On the other hand for some time Germany has been pouring experts into Italy and we must not be surprised that this, coupled with the impressions made upon Italy by the sweeping successes of her partner, may have the result of putting her in possession of a very much more formidable tank force than was originally expected.

Conditions in her overseas possessions has resulted in the concentration on light tanks and armoured vehicles rather than on heavy weapons.

Nor must it be forgotten that in engineering Italy excels and the Abyssinian campaign demonstrated once again the high qualities of her military specialists and of the organization behind them.

One day the Fascist forces will attempt to sweep across Egypt to Palestine and perhaps advance northwards from Ethiopia across the Sudan at the same time and although the personnel cannot be described as first class fighting material as was shown once again in Spain, the danger of a whirlwind attack by tanks supported by bombers stands a good chance of initial success.

Some two years ago Mussolini ordered that the staffs of the regimental Colours of Italian regiments should be surmounted by the Imperial eagles of ancient Rome thus emphasizing the affinity with the past.

About the same time the Prussian "Goose step" was introduced into the Army and hideous as this is it calls for physical fitness of a very high standard.

As in the whole of Italian life, the Fascist regime has done much with regard to efficiency and organization but this cannot alter the fundamental characteristics of a nation and at heart the modern Italian is not a fighting man.

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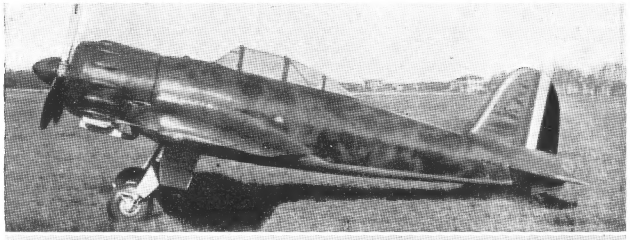

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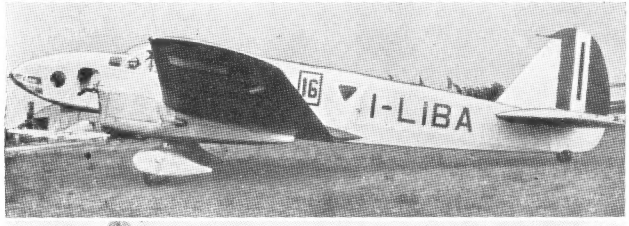

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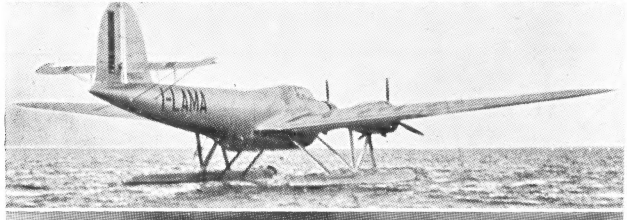

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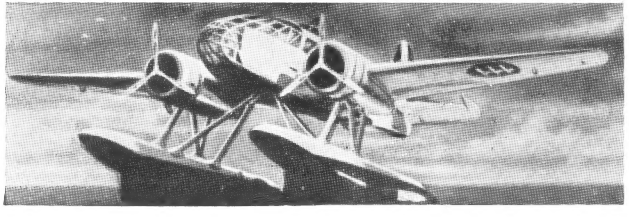

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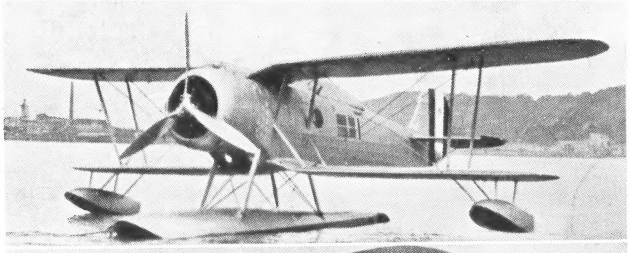

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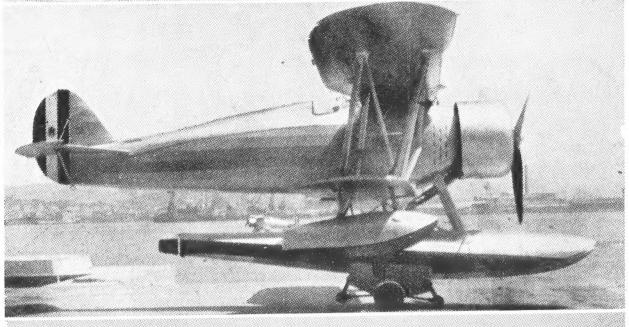

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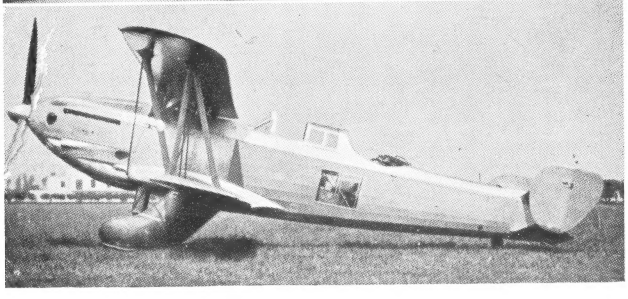

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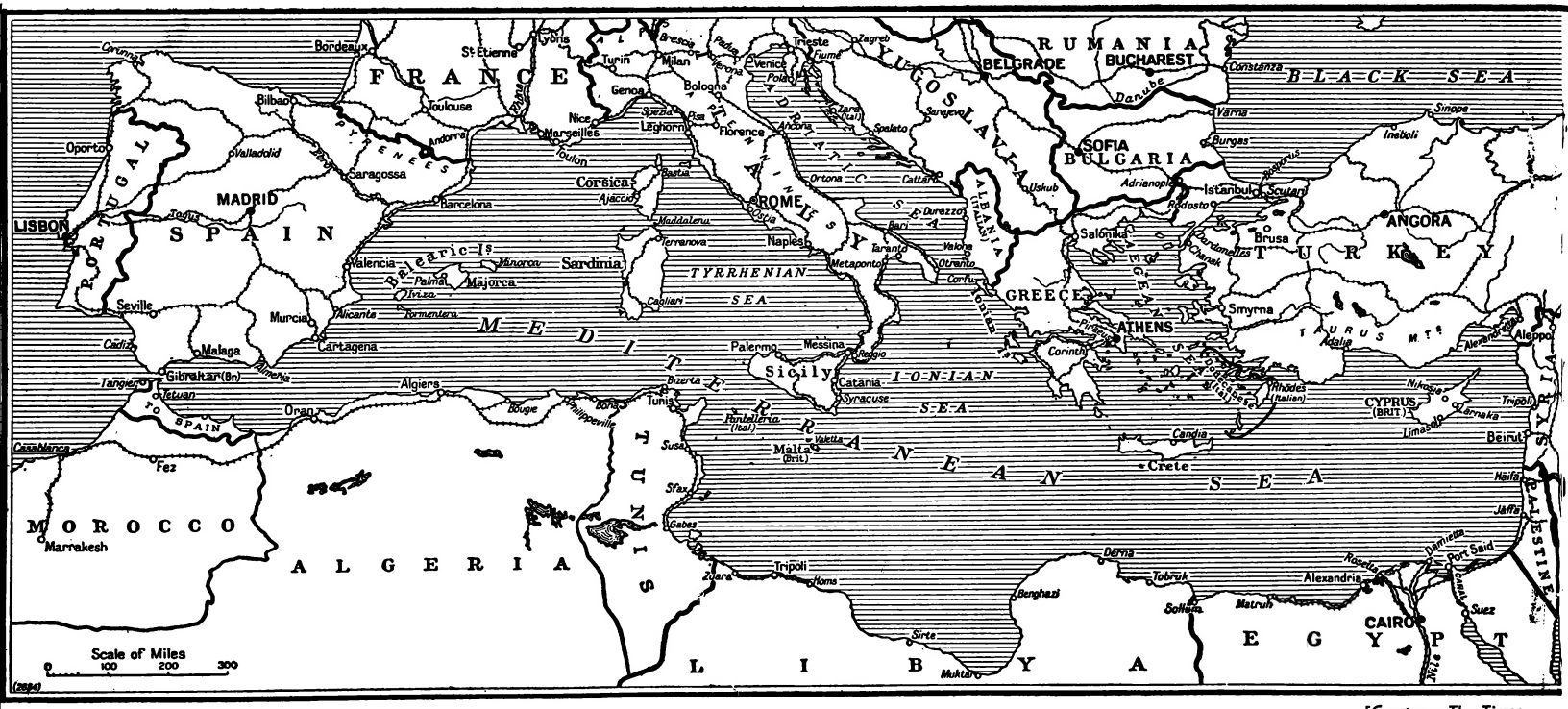

[Courtesy—The Times